SERPENT RIVER BASIN
WATER QUALITY DATA
1982

Ontario
Ministry
of the
Environment

NORTHEASTERN REGION

Water Resources Assessment
Northeastern Region
1984

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INTRODUCTION

As part of the Environmental Assessment Hearings on the Expansion of the Uranium mining Facilities in Elliot Lake the Environmental Assessment Board heard evidence on the extent of the water quality monitoring programs conducted by various agencies at various locations on the Serpent River system.

The board's deliberations resulted in recommendation 11-13 (page 184; The Expansion of the Uranium Mines in the Elliot Lake Area, Final Report May, 1979); "the Board recommends that all data obtained from the water quality monitoring programs of the companies and the province be exchanged and be available to the public".

To satisfy this recommendation, the Northeastern Region Water Resources Assessment Section have prepared the following report. The agencies Rio Algom Limited, Denison Mines Limited, the Town of Elliot Lake, and Ministry of Environment offices that contributed data for this report are greatfully acknowledged.

The agencies use different Station identification codes. A section to correlate and cross reference is included, the map (back flap) identifies these locations.

Universal Transverse Mercator Grid (UTM) designation that appears on the tables in the station information and correlation section can be used in reference to topographical maps. 41J9 Madamason Lake, 41J10 Rawhide Lake, 41J7 Elliot Lake, 41J8 Whiskey Lake, 41J2 Algoma.

There is need to take precautions in interpreting these data without reference to other data since changes in water quality are continuing in the Serpent River. Primarily significant water quality improvements are occurring. Readers are referred to the following publications for the interpretive significance of the information:

Water Management, Goals, Policies and Implementation Procedures of the Ministry of the Environment, November, 1978;
Guidelines for Canadian Drinking Water Quality, 1978; and Environmental Assessment fo the proposed Elliot Lake Uranium Mines Expansions (various volumes).

EXPLANATORY NOTES

The following notes and conversions apply to all data in this report with the exception of the M.O.E. Water Quality Monitoring, abbreviations and remarks used for these data provided on page v.

C	True colour (if TURB is too high for COLAP)
c	True colour (if COLAP is greater than 70)
T	Reported value may not be different from zero
W	Results = smallest rounding unit is shown
<	Actual result less than the reported value
>	Actual result greater than the reported
<=>	Appropriate result
*	(URD) Result may be low; undersolved particulate
F	(SFA) sample filtered - filtrate analyzed
U	(UIN) unreliable; undetermined interference
Day ØØ	of any month signifies this number is the monthly mean

ABBREVIATIONS AND REMARKS

M.O.E. WATER QUALITY MONITORING

Individual test values may be qualified by one of the following remarks

Remarks	Meaning of Remark	Example
>	Reported value felt to be too low	100 000
<	Reported value felt to be too high	002
F	Test performed on non-frozen sample	4 5 F
P	Test performed on unpreserve sample	11 231P
T	No time recorded: anayl. performed	65 770T
C	Background count to numerous	34 00 C
I	Approx. value: insufficient dilut.	75 000I
M	Manually analysed	12 000M
<R	Detect limit report: value < limit	001<R
<S	Trace resp.: <than value reported	000<S
A	Approximate result	2 00 A
<T	Result reported: not proof positive	02 <T
<N	Non-detected	000<N
E	Estimated or computed value stored	45 370E
<E	No resp.: (excess dil'n) min. value	54 070<E
<W	No resp.: min. value reported	4 023<W
U	Unreliable result	345 03 U

TABLE 1: LIST OF TESTS AND TEST CODES

TEST NAME	TEST CODE	WATER UNITS	SEDIMENT UNITS
Aluminum, Unf. Total	ALUT	mg/L	
Arsenic, Unf. Total	ASUT	mg/L	
Barium, Unf. Total	BAUT	mg/L	
Calcium, Unf. React.	CAUR	mg/L	ug/g
Cyanide, Avail., Unf. React.	CCNAUR	mg/L	
Cyanide, Free, Unf. React.	CCNFUR	mg/L	
Cadmium, Unf. Total	CDUT	mg/L	µg/g
Cobalt, Unf. Total	COUT	mg/L	
Chromium, Unf. Total	CRUT	mg/L	µg/g
Copper, Unf. Total	CUUT	mg/L	µg/g
Iron, Unf. Total	FEUT	mg/L	µg/g
Mercury, Unf. Total	HGUT	µg/L	
Potassium, Unf. React.	KKUR	mg/L	
Magnesium, Unf. React.	MGUR	mg/L	µg/g
Manganese, Unf. Total	MNUT	mg/L	
Sodium, Unf. React.	NAUR	mg/L	
Nickel, Unf. Total	NIUT	mg/L	µg/g
Lead, Unf. Total	PBUT	mg/L	µg/g
Selenium, Unf. Total	SEUT	mg/L	
Uranium, Unf. Total	UUUT	mg/L	µg/g
Zinc, Unf. Total	ZNUT	mg/L	µg/g
Acidity, Total	ACDT	mg/L	
Alkalinity, Total as $CaCO_3$	ALKT	mg/L	
Alkalinity, Total Inf. Pt. as $CaCO_3$	ALKTI	mg/L	
5 Day Biochemical Oxygen Demand	BOD_5	mg/L	
Chlorophyll-A, Corrected	CHLRAC	µg/L	
Chlorophyll-A, Total	CHLRAT	µg/L	
Chlorophyll-B, Total	CHLRBT	µg/L	
Chemical Oxygen Demand	COD	mg/L	
Colour, Apparent	COLAP	Haz. U.	
Conductivity, 250	COND25	umh/cm	
Dissolved Inorganic Carbon	DIC	mg/L	µg/g
Dissolved Organic Carbon	DOC	mg/L	µg/g
Hardness, Total as $CaCO_3$	HARDT	mg/L	
pH	PH		
Phenolics, Unf. React.	PHNOL	µg/L	µg/g
Residue, Filtrate (dissolved solids)	RSF	mg/L	
Residue, Particulate (suspend. solids)	RSP	mg/L	
Residue, Total (total solids)	RST	mg/L	
Residue, Total Loss on Ignition	RSTLOI	%	%
Residue, Filt. Calculated	RSFC	mg/L	

TEST NAME	TEST CODE	WATER UNITS	SEDIMENT UNITS
Residue, Particulate Ashed	RSPA	mg/L	mβq/g
Turbidity	TURB	PTU	
Dissolved Oxygen	DO	mg/L	
Chloride, Unf. React.	CLIDUR	mg/L	
Fluoride, Unf. React.	FFIDUR	mg/L	
Ammonium, Total, Filt. React. as N; NH_3/NH_4	NNHTFR	mg/L	
Nitrite, Filt. React. as N: NO_2	NNO2FR	mg/L	
Nitrate, Filt. React. as N; NO_3	NNO3FR	mg/L	
Nitrates, Total, Filt. React as N; NO_3+NO_2	NNOTFR	mg/L	
Nitrogen, Total Kjeld., Unf. React. as N	NNTKUR	mg/L	
Phosphorus, Filt. Total as P	PPFT	µg/L	
Phosphates, Filt. React. as P (soluble)	PPO4FR	mg/L	
Phosphorus, Unf. Total as P	PPUT	mg/L	mg/g
Silicates, Unf. React.	SIO3UR	mg/L	
Sulphide, Unf. React.	SSIDUR	mg/L	
Sulphate, Unf. React.	SSO4UR	mg/L	
Fecal Coliform MF	FCMF	/100 ML	
Total Coliform MF	TCMF	/100 ML	
Uranium 238	UU238	µg/L	
Radium 226, Total	RA226T	mβq/L	mβq/g
Radium 226, Filt.	RA226F	mβq/L	mβq/g
Lead 210, Total	P210T	mβq/L	mβq/g
Gross Alpha Radiation	GAC	mβq/L	mβq/g
Gross Beta Radiation	GBC	mβq/L	mβq/g
Stream Flow	FWFLOW	M3/s	
Water Temperature	FWTEMP	C	
Field pH	FWPH		
Dissolved Gross Alpha	GACF	mβq/L	
Dissolved Gross Beta	GBCF	mβq/L	
Undissolved Gross Alpha	GACP	mβq/L	mβq/g
Undissolved Gross Beta	GBCP	mβq/L	mβq/g
Sediment Oxygen Demand	SOD		$g/M^2/d$
Tannins and Lignins	TANN	mg/L	
Solvent Extractables	SOLEXT	mg/L	mg/g
Methylene Blue Act. Subst.	MBAS	mg/L	
Station Number	STN #		
Fecal Streptococcus MF	FSMF	/100 ML	
Pseudomon, Aeruginosa MF	PSAMF	/100 ML	
Pseudomon, Aeruginoa MF BKGD	PSAMFB	/100 ML	
Total Coliform MF BKGD	TCMFBK	/100 ML	
Magnesium, Unf. Total	MGUT	mg/L	µg/g

CONVERSIONS

Flow is converted from L/S to m^3

$$L/S \div 1000 = m^3/s$$

Radium, total and filtered is converted from p Ci/L to mBq/L

$$1 \text{ p Ci/L} = 37 \text{ mBq/L}$$

Phosphate as PO_4 is converted to phosphorus, unfiltered total (PPUT) as P

$$PO_4 \times 0.33 = \text{PPUT as P}$$

M.O.E. WATER QUALITY MONITORING: STATION: LOCATIONS, PHYSICAL DESCRIPTIONS, AND EQUIVALENT STATION REFERENCE TABLE

	UTM COORDINATES			EQUIVALENT STATION			
STATION	EASTING	NORTHING	PHYSICAL DESCRIPTION	RIO ALGOM	DENISON	M.O.E. S.S.M.	M.O.E. TECH. SUPPOR
001	383350	5118400	At Old Highway 17, East of Highway 108 and 17				
002	381500	5132250	At Depot Lake Outlet			DLK-1	
003	389400	5136400	At Pecors Lake Outlet	SR3	PEC O		
004	384800	5138650	At Pecors Lake Inlet	SR2	PEC I		
006	377900	5141500	At Crotch Lake Outlet	CL4			
007	377150	5136600	Buckles Creek at Highway 108 South of Elliot Lk.	N12			BC3
009	372100	5139900	Sheriff Creek at Highway 108	M1			
010	383100	5150450	Rochester Creek near Quirke Lake Inlet	P1			
011	376550	5151850	Serpent River near Quirke Lake Inlet				
012	380900	5147400	Creek near road to Stanrock Townsite				
014	374060	5151050	Serpent River at Panel Mine side road	Q8	D5		
017	374500	5149100	Stollery Lake at Denison Dam				SL-1
019	373450	5148600	Serpent River, Dunlop Lake Outlet		D4		Sr1
020	383550	5146325	Moose Lake Outlet		DS1		
022	370375	5150900	Bud Lake Control, West End of Bud Lk. Tailings	Q10			
023	369000	5117650	Pronto Lake Outlet	PR1			
025	381725	5151600	Panel Mine Treatment Plant Inflow				
026	381900	5151400	Panel Mine Treatment Plant Outlet	P14			
027	37200	5138450	Elliot Lake, at Municipal Pump House				
030	372900	5149000	Dunlop Lake, in Bay				
031	379400	5147075	Quirke Lake, Southwest of Stanrock Mine				
032	382650	5149100	Quirke Lake, Northeast of Can-Met Mine				
033	382500	5147450	Quirke Lake, Southeast Corner				
034	377800	5149100	Quirke Lake, East of Denison Mine				
035	396300	5140000	Whiskey Lake, South end near Rum Point				
036	379825	5142000	McCabe Lake, Centre of Lake				
037	388850	5120950	Camp Lake, at South End				
038	370700	5117275	Serpent Harbour, near hospital point				
039	385700	5131475	McCarthy Lake at West End				MCL-1
040	388450	5129100	McCarthy Lake at South End				MCL-3
041	385300	5140350	Hough Lake, at center of lake				
043	377700	5137100	North Nordic Lake, at effluent channel	N19			

WATER QUALITY MONITORING: STATION: LOCATIONS, PHYSICAL DESCRIPTIONS, AND EQUIVALENT STATION REFERENCE TABLE

STATION	UTM COORDINATES EASTING	NORTHING	PHYSICAL DESCRIPTION	EQUIVALENT STATION RIAL	OM	DENISON	M.O.E. S.S.M.	M.O.E. TECH. SUPPORT
044	374975	5137700	Westner Lake, at Ski Club Road		N15			
045	374540	3150510	Williams Creek at Denison Mines access road			D3		
046	367950	5117950	Outlet below Pronto Treatment Plant		PR4			
049	385725	5149050	Serpent River at Quirke Lake Outlet		SR1	D10		
051	373100	5151650	Bud Lake Tailings, Effluent from Bud Lake at Dam 'E'		Q3			
054	386200	5142375	May Lake, South End					
055	385200	5144375	May Lake, North End					
056	380900	5150900	Panel Creek at Quirke Lake		P11			
067	369400	5134250	Esten Lake, Centre of West End					EL1
070	383300	5145900	Orient Lake Outlet			DS4		
071	381725	5152650	Panel Mines Tailings effluent		P12			
072	370750	5152850	Gravel Pit Lake					
073	372200	5150050	Evans Lake at New Diversion Outlet					
074	375700	5133350	Esten Lake at Outlet of Esten to Depot Lake Diversion				ELK 8	BC-7

RIO ALGOM LIMITED STATION: LOCATIONS, PHYSICAL DESCRIPTIONS, AND EQUIVALENT STATION REFERENCE TABLE.

STATION	UTM COORDINATES EASTING	NORTHING	PHYSICAL DESCRIPTION	EQUIVALENT STATION DENIS N	M.O.E. W.Q.M.	M.O.E. S.S.M.	M.O.E. TECH. SUPPORT
CL4	377900	5141500	Crotch Lake Outlet		006		
M1	372100	5139900	Sheriff Creek at Highway 108		009		
M05	375800	5140200	Sheriff Lake Outlet				
N12	377150	5136600	Buckles Creek at Highway 108		007		
N13	378850	5137450	Buckles Creek, upstream of Operation				
N15	374975	5137700	Westner Lake effluent at Ski Club Road		044		
N19	377700	5137100	North Nordic Lake effluent		043		
P1	383100	5150450	Rochester Creek Outlet at Quirke Lake Inlet		010		
P2	382300	5152800	Downstream of Dam "B" Old Strike Lake Outlet				
P3	383100	5152220	Number 3 Beaver Pond Outlet				
P5	382000	5153300	Swamp Outlet at northeast end of Strike Lake				
P11	380900	5150900	Panel Creek at Inlet to Quirke Lake				
P12	381900	5150700	Creek Inlet to Quirke Lake by Panel Townsite				
P14	381800	5151500	Treated Effluent				
PR1	369000	5117650	Pronto effluent at Highway 17		023		
PR4	368000	5118000	Treated effluent O/F Settling area				
Q3	373100	5151650	Tailings Pond Effluent after Barium at Dam "E"		051		
Q6	373600	5151500	Tailings Effluent to Serpent R. at Highway 108				
Q8	374060	5151050	Serpent R. above effl. addition at Mine Road	D5	014		
Q9	377100	5151900	Serpent R. below effl. addition at Flow Station				
Q10	370500	5151500	Gravel Pit Lake, effluent (outlet)		022		
Q11	370375	5150900	Creek at Inlet to Dunlop Lake at Access Road				
Q12	370500	5151400	Pond "A" effluent				
Q15	368200	5151400	Dunlop Lake, bay where creek from gravel pit enters				DU1
Q16	373900	5151700	Johnson's Creek below mill at mine road				
Q18	375800	5150900	Lake D. at Pump House				
Q19	373200	5149100	Dunlop Lake at pumphouse				
S1	373800	5141700	Stroth Lake at pumphouse				
S2	370800	5140900	Penelope Lake Outlet				
S3	373600	5140200	Stanleigh Area Creek at mine road				
SR1	385725	5149050	Quirke Lake Outlet	D10	049		
SR2	384800	5138650	Pecors Lake Inlet from Hough Lake	PEC1	004		
SR3	389400	5136400	Pecors Lake Outlet	PECO	003		
SR6	380600	5143000	McCabe Lake Outlet				

DENISON MINES LIMITED STATION: LOCATIONS, PHYSICAL DESCRIPTIONS, AND EQUIVALENT STATION REFERENCE TABLE.

	UTM COORDINATES			EQUIVALENT STATION			
STATION	EASTING	NORTHING	PHYSICAL DESCRIPTION	RIO ALGO	M.O.E. W.Q.M.	M.O.E. S.S.M.	M.O.E. TECH. SUPPORT
D1	374500	5148900	Long Lake Outlet				
D2	374200	5149800	Stollery Lake Outlet				SL-1
D3	374540	5150510	Beaver Pond Effluent at Mine Access Road		045		
D4	373450	5148600	Serpent River Above Operations		019		
D5	374060	5151050	Serpent River Below Operations	Q8	014		
D6	374300	5148500	Cinder Lake Outlet				
D9	377100	5148500	Seepage Ditch at Dam '17'				
D10	385725	5149050	Quirke Lake Outlet	SR1	049		
D13	374500	5148800	Toe Dam Seepage, Dam '10' Long Lake Seepage				
DS1	383500	5145900	New Dam Overflow Moose Lake Overflow		020		
DS4	383900	5146200	Outlet of Lake, Below New Dam at Orient Lake		070		
PEC I	384800	5138650	Pecors Lake Inlet	SR2	004		
PEC O	389400	5136400	Pecors Lake Outlet	SR3	003		

TOWN OF ELLIOT LAKE STATION: LOCATIONS, PHYSICAL DESCRIPTIONS, AND EQUIVALENT STATION REFERENCE TABLE.

	UTM COORDINATES			EQUIVALENT STATION		
STATION	EASTING	NORTHING	PHYSICAL DESCRIPTION	RIO ALGOM	DENISON	M.O.E. W.Q.M.
ELSTP	373500	5134500	Municipality of Elliot Lake S.T.P. effluent			
ELWTP	371200	5138200	Municipality of Elliot Lake W.P.P. Intake (Elliot Lake)			027

M.O.E. TECHNICAL SUPPORT SECTION: STATION: LOCATIONS, PHYSICAL DESCRIPTIONS, AND EQUIVALENT STATION REFERENCE TABLE.

	UTM COORDINATES			EQUIVALENT STATION			
STATION	EASTING	NORTHING	PHYSICAL DESCRIPTION	DENISON	M.O.E. W.Q.M.	M.O.E. S.S.M.	RIO ALGOM
AL-1	371850	5136100	Angel Lake Centre of Lake			ALK-3	
AL-2	371550	5135900	Angel Lake Northeast Corner			ALK-1	
AL-3	371350	5136000	Angel Lake West Corner				
ALO-1	372425	5135075	Angel Creek Upstream Elliot Lake Landfill Site				
BC-1	377650	5136800	Buckles Creek Control				
BC-6	375300	5133700	Buckles Creek Inlet to Esten Lake			ELK-7	
BC-7	375700	5133350	Esten Lake at Diversion to Depot Lake		074	ELK-8	
DL-1	377400	5133150	Depot Lake Western Basin Near Inlet from Diversion from Esten				
DL-1B	377400	5133150	Depot Lake Western Basin Near Inlet from Diversion from Esten				
DL-2	380550	5133100	Depot Lake Eastern Basin Near Hwy.#108				
DL-2B	380550	5133100	Depot Lake Eastern Basin Near Hwy.#108				
DU1-1	369075	5150900	Dunlop Lake Embayment near Manfred Lake Outlet (1 metre)				
DU1-10	369075	5150900	Dunlop Lake Embayment near Manfred Lake Outlet (10 metres)				
DU1-18	369075	5150900	Dunlop Lake Embayment near Manfred Lake Outlet (18 metres)				
DU1-20	369075	5150900	Dunlop Lake Embayment near Manfred Lake Outlet (20 metres)				
EL-1	369375	5134650	Esten Lake Western Basin near Quimby Lk. Inlet		067		
EL-1B	369375	5134650	Esten Lake Western Basin near Quimby Lk. Inlet		067		
EL-2	372600	5133750	Esten Lake Eastern Basin near N. Nordic Inlet				
EL-2B	372600	5133750	Esten Lake Eastern Basin near N. Nordic Inlet				
EL-3	370975	5134350	Esten Lake Station #3 North of Long Island Cr.				
EL-4	373875	5133625	Esten Lake Eastern Basin near Diversion				
ELSTP	373500	5134500	Municipality of Elliot Lake S.T.P. Effluent			ELSTP	
EV1-1	371450	5150400	Evans Lake Station #1 North and West of New Diversion Outlet (at 1 metre)				
EV1-6	371450	5150400	Evans Lake Station #1 North and West of New Diversion Outlet (at 6 metres)				
EV1-20	371450	5150400	Evans Lake Station #1 North and West of New Diversion Outlet (at 20 metres)				
EV2-7	371900	5150750	Evans Lake Station #2 Near New Diversion Outlet (7 metres)				

M.O.E. TECHNICAL SUPPORT SECTION: STATION: LOCATIONS, PHYSICAL DESCRIPTIONS, AND EQUIVALENT STATION REFERENCE TABLE.

STATION	UTM COORDINATES		PHYSICAL DESCRIPTION	EQUIVALENT STATION			
	EASTING	NORTHING		DENISON	M.O.E. W.Q.M.	M.O.E. S.S.M.	RIO ALGOM
EV2-12	371900	5150750	Evans Lake Station #2 Near New Diversion Outlet (12 metres)				
GL-1	375900	5130850	Grandeur Lake Northern Basin				
GL-2	375400	5130050	Grandeur Lake Southern Basin				
HL-1	372950	5138875	Horne Lake Middle of Lake				
HL-2	373100	5138600	Horne Lake Middle of North Basin				
HL-3	373300	5138400	Horne L. Southern Basin Near Westner Lk. Inlet				
MCL-1	385550	5131500	McCarthy L. Western Basin Near Depot Lk. Inlet		039		
MCL-1B	385550	5131500	McCarthy L. Western Basin Near Depot Lk. Inlet		039		
MCL-2	388900	5131500	McCarthy Lake Eastern Basin Near Inlet of Upper Serpent River				
MCL-2B	388900	5131500	McCarthy Lake Eastern Basin Near Inlet of Upper Serpent River				
MCL-3	388500	5129000	McCarthy Lake South East Basin Near Outlet		040		
MCL-3B	388500	5129000	McCarthy Lake South East Basin Near Outlet				
ML-1	373200	5130350	Marshland Lake Western Basin Near Inlet				
ML-2	374400	5130700	Marshland Lake Eastern Basin				
NL-1	376125	5135600	Nordic L. Western Basin Near Buckles Cr. Inlet				
NL-1B	376125	5135600	Nordic L. Western Basin Near Buckles Cr. Inlet				
NL-2	377300	5135250	Nordic lake Eastern Basin near Metevier Lake				
NL-2B	377300	5135250	Nordic Lake Eastern Basin near Metevier Lake				
NNC-1	373525	5134450	North Nordic Creek at Federal Gauge				
QL-1	380850	5145500	Quirke Lake Poppy Bay - Opposite Gravel Pit				
QL-2	378500	5149100	Quirke Lake North East of Stanrock Mine				
SL-1	374400	5149200	Stollery Lake Dam Outlet	D2	017		
TL-1	377550	5131250	Trout Lake Central Basin			DLK4	

M.O.E. SAULT STE. MARIE DISTRICT STATION: LOCATIONS, PHYSICAL DESCRIPT. AND EQUIVALENT ST TION REFERENCE TABLE

STATION	UTM COORDINATES EASTING	NORTHING	PHYSICAL DESCRIPTION	EQUIVALENT STATION M.O.E. .Q.M.	M.O.E. TECH. SUPPORT
ALK-1	371900	5136200	Angel Lake North East Corner		AL-2
ALK-2	371800	5135900	Angel Lake South East Corner		
ALK-3	371600	5135900	Angel Lake Middle of Lake		AL-1
ALK-5	371500	5135800	Angle Lake South West Corner		
DLK-1	381300	5132700	Depot Lake at Highway #108	)2	
DLK-2	379000	5133300	Depot Lake at West Side of Narrows		
DLK-3	377000	5133200	Depot Lake aT Esten/Depot Diversion Discharge		
DLK-4	377300	5131800	Depot Lake at South Arm of Depot Lake		TL-1
ELK-1	374500	5133700	Esten Lake West Side of Causeway		
ELK-2	373200	5134200	Nordic Storm Drain Discharge to Esten Lake		
ELK-3	372000	5134300	Angel Lake Creek Discharge to Esten Lake		
ELK-4	369200	5135500	Slipper Lake Creek Discharge to Esten Lake		
ELK-5	368200	5134300	Quimby/Mink Lakes Discharge to Esten Lake		
ELK-6	370300	5133300	Marshland River Discharge from Esten Lake		
ELK-7	375300	5133800	Nordic Creek Discharge to Esten Lake		BC-6
ELK-8	375800	5133300	Esten Lake Diversion Channel Esten to Depot Lk.	'4	BC-7
ELSTP	373500	5134500	Municipality of Elliot Lake S.T.P. Effluent		ELSTP

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT OLD HWY.NO.17 E.OF HWYS.108&17 57 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD001

STATION ID: 14-0019-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0383350.0 5113400.0 4 REGION: 05 DISTANCE: 8.207

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	O2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N
TEST-NAME:						SAMPLE	FWSTRC	FWTEMP	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI
82 01 27				0.3	1	31603			0.005	0.001 <T	0.410	0.74		0.330	
82 02 27				0.3	1	31625			0.017	0.006	0.398	0.71		0.312	
82 04 20	0900			0.3	1	31646			0.008	0.0005<W	0.400	0.50	1.300	0.100	1.800
82 05 18	1100			0.3	1	31676	8	13.0	0.011	0.0005<W	0.520	1.04	2.500	0.520	3.540
82 06 21	1130			0.3	1	31704	8	18.0	0.020	0.0005<W	0.490	0.73	2.800	0.240	3.530
82 07 26	1200			0.3	1	31733	8	25.0	0.007	0.0005<W	0.362	0.60	2.850	0.238	3.450
82 08 26	1200			0.3	1	31766	8	17.0	0.004	0.0005<W	0.210	0.51	2.750	0.300	3.260
82 09 27	1200			0.3	1	31779	8	14.0	0.011	0.0005<W	0.214	0.68	1.500	0.466	2.180
82 10 28	1100			0.3	1	31814	8	9.0	0.003<T	0.0010<T	0.038	0.600	1.350	0.562	1.950
82 11 27	1200			0.3	1	31846	8	4.0	0.004	0.0050<W	0.352	0.700	2.350	0.348	3.050
82 12 27	1000			0.3	1	31878	2	1.0	0.005	0.0005<T	0.470	0.810	2.100	0.340	2.910

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH PH	PHENOLS NF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL
TEST-NAME:						RSP	COND25	TURB	CLIDUR	SSO4UR	ALKT	PH	PHNOL	FEUT	ALUT
82 01 27				0.3	1	0.800	190	0.78	5.45		10	6.91	1 <T	0.13	
82 02 27				0.3	1	0.100<W	187	0.57	5.55		9	6.63	1 <T	0.110	
82 04 20	0900			0.3	1	0.745	127.0	1.74	4.60	36.6	4.1	6.70	2.0	0.185	0.120
82 05 18	1100			0.3	1	0.435<T	197.0	1.15	12.60	62.5	3.0	6.46	1.2	0.070	0.100
82 06 21	1130			0.3	1	1.510	223.0	1.36	6.85	71.5	4.3	6.610	0.8	0.125	0.090
82 07 26	1200			0.3	1	1.550	217.0	0.86	6.05	72.0	3.5	6.72	1.0	0.070	0.050
82 08 26	1200			0.3	1	2.220	222.0	0.73	6.60	74.3	5.7	6.91	0.6<T	0.060	0.070
82 09 27	1200			0.3	1	3.260	139.0	1.27	4.06	42.4	4.7	6.539		0.240	0.086
82 10 28	1100			0.3	1	1.300	196.0	1.09	6.34	49.18	5.1	6.72	0.4<T	0.090	0.079
82 11 27	1200			0.3	1	1.520	175.0	0.31	5.70	52.54	6.1	6.701	0.2<W	0.105	0.100
82 12 27	1000			0.3	1	1.310	173.0	0.80	5.85	49.35	3.4	6.46	1.2	0.140	0.110

(C O N T D)

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT OLD HWY.NO.17 E.OF HWYS.108&17 57 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD001

STATION ID: 14-0019-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0383350.0 5118400.0 4 REGION: 05 DISTANCE: 8.207

SAMP YR	MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	CUJT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L
82	01	27				3.3	1	0.006	0.003<	0.017		37	296	37	222	37<	3<
82	02	27				3.3	1	0.002	0.003<	0.012		60	510	40<	230	40<	6
82	04	20	0900			3.3	1	0.002	0.003<	0.014	0.002<	40<	200	40<	120	40<	3
82	05	18	1100			3.3	1	0.001	0.003<	0.011	0.002<	60	330	40<	250	40<	3
82	06	21	1130			3.3	1	0.007	0.003<	0.020	0.002	94	330	41	220	40<	3<
82	07	26	1200			3.3	1	0.003	0.004	0.007	0.002	100	220	40<	210	40<	3<
82	08	26	1200			3.3	1	0.005	0.003<	0.011	0.002	60	390	40	270	40<	4
82	09	27	1200			3.3	1	0.003	0.004	0.005	0.001	40<	290	40<	170	40<	3
82	10	28	1100			3.3	1	0.005	0.004	0.005	0.002	50	610	40<	240	40<	8
82	11	27	1200			3.3	1	0.005	0.004	0.008	0.002	60	560	40<	200	40<	7
82	12	27	1000			3.3	1	0.002	0.004	0.006	0.002						

SAMP YR	MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	UUUT URANIUM UNF.TOT. MG/L AS U
82	04	20	0900			3.3	1	0.01 <W
82	05	18	1100			3.3	1	0.002
82	07	26	1200			3.3	1	0.002
82	08	26	1200			3.3	1	0.001
82	09	27	1200			3.3	1	0.001
82	10	28	1100			3.3	1	0.003
82	12	27	1000			3.3	1	0.002

B.O.W./ SITE: DEPOT LAKE OUTLET
SAMPLE POINT: AT LAKE DEPOT 52 1
STATION TYPE: RIVER FLOW GAUGE MOE 02CD101

STATION ID: 14-0019-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0381500.0 5132250.0 4 REGION: 05 DISTANCE: 46.509

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	N02+N03N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N
TEST-NAME:						SAMPLE	FWSTRC	FWTEMP	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI
82 01 28				0.3	1	31605			0.024	0.015	0.060	0.35	.290	0.290	0.639
82 02 28				0.3	1	31627			0.034	0.022	0.040	0.30	.325	0.260	0.327
82 04 21	1030			0.3	1	31649			0.025	0.0030	0.018	1.10	.600	1.032	2.700
82 05 19	1000			0.3	1	31677	8	20.0	0.018	0.0060	0.112	0.49	.210	0.378	0.700
82 06 22	0900			0.3	1	31705	8	18.0	0.018	0.0010<T	0.194	0.38	.160	0.186	0.540
82 07 27	0900			0.3	1	31734	8	25.0	0.009	0.0005<W	0.058	0.35	.205	0.292	0.555
82 08 27	0900			0.3	1	31767	8	17.0	0.005	0.0005<W	0.044	0.37	.220	0.326	0.590
82 09 28	0900			0.3	1	31780	8	14.0	0.010	0.0005<W	0.210	0.57	.480	0.360	1.050
82 10 29	0800			0.3	1	31815	8	8.0	0.008	0.0010<T	0.006	0.290	.445	0.284	0.735
82 11 28	0900			0.3	1	31847	8	4.0	0.017	0.0080	0.002<W	0.280	.485	0.278	0.765
82 12 27	1000			0.3	1	31879	2	1.0	0.028	0.0190	0.002<T	0.250	.390	0.248	0.640

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS U F-REAC UG/L PHENOL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
TEST-NAME:						RSP	COND25	TURB	CLIDUR	SO4UR	ALKT	PH	PHNOL	CUUT	PBUT
82 01 28				0.3	1		200	0.39	14.50		15	6.92	1 <T	0.004	0.003<
82 02 28				0.3	1		176	0.63	12.50		13	6.83	1.0<T	0.002	0.003<
82 04 21	1030			0.3	1	0.005<W	190.0	0.63	14.00	48.5	11.1	6.645			
82 05 19	1000			0.3	1	0.645<T	154.0	1.67	11.00	37.5	7.3	7.160			
82 06 22	0900			0.3	1	0.050<T	160.0	1.26	12.40	40.5	8.7	8.090			
82 07 27	0900			0.3	1	0.500<T	182.0	0.63	14.70	48.6	9.1	7.15			
82 08 27	0900			0.3	1	0.530<T	193.0	0.48	15.40	46.3	12.1	7.370			
82 09 28	0900			0.3	1	1.470	230.0	0.70	19.50	59.4	11.1	7.137			
82 10 29	0800			0.3	1	1.740	179.0	0.93	12.20	42.65		6.86			
82 11 28	0900			0.3	1	1.120	179.0	0.81	12.00	46.31		7.297			
82 12 27	1000			0.3	1	0.950	156.0	0.60	11.60	39.47		7.11			

(C O N T D)

B.O.W./ SITE: DEPOT LAKE OUTLET
SAMPLE POINT: AT LAKE DEPOT 52 1
STATION TYPE: RIVER FLOW GAUGE MOE 02CD101

STATION ID: 14-0019-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0381500.0 5132250.0 4 REGION: 05 DISTANCE: 46.509

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
82 01 28				0.3	1	0.010	37<	74	37<	111	37<	3<		0.014	0.275
82 02 28				0.3	1	0.003	40<	40	40<	100	40<	3<		0.007	0.020
82 04 21	1030			0.3	1		40<	180	40<	33	40<	3			
82 05 19	1000			0.3	1		40<	23	40<	120	40<	3<			
82 06 22	0900			0.3	1		40<	80	43	40	40<	3<			
82 07 27	0900			0.3	1		40<	83	40<	31	40<	3<			
82 08 27	0900			0.3	1		40<	290	40<	100	40<	5			
82 09 28	0900			0.3	1		40<	200	40<	110	40<	3			
82 10 29	0800			0.3	1		50	340	40<	100	40<	6			
82 11 28	0900			0.3	1		40<	520	40<	110	40<	9			
82 12 27	1000			0.3	1								0.002		

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N
82 01 28				0.3	1	0.349
82 02 28				0.3	1	0.067

B.O.W./ SITE: PECORS LAKE OUTLET
SAMPLE POINT: AT PECORS LAKE 38 1
STATION TYPE: RIVER FLOW GAUGE FED 02CD004

STATION I : 14-0019-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0389400.0 5136400.0 4 REGION: 05 DISTANCE: 47.796

TEST-NAME:					SAMPLE	FWSTRC	FWTEMP	PPUT	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI	COND25
									NH3-N	K'DAHL N		K ELDAHL		
								PHOSPHOR	TOTAL	TOTAL	NO2+NO3N	RGANIC		CONDUCT.
SAMP DTE HOUR	STN DIST	STN BRG	SAMP DEPTH	PJ	SAMPLE	STREAM	WATER TEMP	UNF.TOT.	FIL.REAC	FIL.TOT.	FIL.REAC	U F.REAC	TOTAL N	AT 25 C
YR MO DY LMT	MTRS		MTRS		NUMBER	COND.	DEG.C	MG/L AS P	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	UMHO/CM
82 04 24 1730			0.3	1	31567			0.001<T	0.038	0.28	0.090	.192	0.370	34.3
82 05 21 1600			0.3	1	31698	8	18.0	0.028	0.048	0.20	0.120	.152	0.320	34.6
82 06 24 1400			0.3	1	31726	8	18.0	0.018	0.530	0.83	1.800	.300	2.630	242.0
82 07 29 1530			0.3	1	31761	8	25.0	0.008	0.460	0.70	1.750	.240	2.450	249.0
82 08 29 1530			0.3	1	31793	8	17.0	0.012	0.420	0.64	1.500	.220	2.140	249.0
82 09 30 1530			0.3	1	31807	8	13.0	0.003<T	0.108	0.43	0.210	.322	0.640	214.0

TEST-NAME:					TURB	SSO4UR	ALKT	PH	FEUT	CUUT	PBUT	ZNUT	NIUT	RA226F
						SULPHATE	ALK		IRON	COPPER	LEAD	ZINC	NICKEL	
						UNF.REAC	TOTAL		UNF.TOT.	UNF.TOT.	UNF.TOT.	U F.TOT.	UNF.TOT.	RADIUM
SAMP DTE HOUR	STN DIST	STN BRG	SAMP DEPTH	PJ	TURB'ITY	MG/L	MG/L		MG/L	MG/L	MG/L	MG/L	MG/L	226 FIL.
YR MO DY LMT	MTRS		MTRS		FTU	AS SO4	AS CACO3	PH	AS FE	AS CU	AS PB	AS ZN	AS NI	MBQ/L
82 04 24 1730			0.3	1	3.50	9.4	3.0	5.707	0.215	0.003	0.003<	.028	0.002<	40<
82 05 21 1600			0.3	1	3.90	9.8	2.7	6.040	0.230					40<
82 06 24 1400			0.3	1	0.58	80.0	6.1	6.900	0.105	0.009	0.004	.011	0.003	120
82 07 29 1530			0.3	1	0.69	77.0	7.1	7.06	0.070	0.003	0.005	.008	0.003	130
82 08 29 1530			0.3	1	0.78	77.0	4.8	6.59	0.100	0.003	0.003<	.006	0.002	90
82 09 30 1530			0.3	1	0.44	63.6	8.4	7.066	0.040<T	0.003	0.004	.005	0.002	100

TEST-NAME:					GACF	GACP	GBCF	GBCP	UU238	UUUT
					GROSS	GROSS	GROSS	GROSS		URANIUM
					ALPHA CT	ALPHA CT	BETA CT	BETA CT	URANIUM	UNF.TOT.
SAMP DTE HOUR	STN DIST	STN BRG	SAMP DEPTH	PJ	FILTERED	UNDISSOL	FILTERED	UNDISSOL	238	MG/L
YR MO DY LMT	MTRS		MTRS		MBQ/L	MBQ/L	MBQ/L	MBQ/L	UG/L	AS U
82 04 24 1730			0.3	1	140	40<	83	40<	3<	0.001<
82 05 21 1600			0.3	1	130	40<	130	40<	3<	0.01 <W
82 06 24 1400			0.3	1	150	40<	92	40<	3<	
82 07 29 1530			0.3	1	230	40<	220	40<	3<	
82 08 29 1530			0.3	1	260	50	290	60	3<	0.002
82 09 30 1530			0.3	1	330	70	170	50	3<	0.002

B.O.W./ SITE: PECORS LAKE INLET
SAMPLE POINT: AT PECORS LAKE 37 1
STATION TYPE: RIVER

STATION ID: 14-0019-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0384800.0 5133650.0 4 REGION: 05 DISTANCE: 54.716

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C
82 04 24 1600			0.3	1	31665			0.001<T	0.052	0.18	0.215	0.128	0.395	36.1
82 05 21 1700			0.3	1	31699	8	19.0	0.018	0.092	0.23	0.090	0.138	0.320	33.1
82 06 24 1500			0.3	1	31727	8	19.0	0.020	0.230	0.48	0.520	0.250	1.000	223.0
82 07 29 1500			0.3	1	31760	8	25.0	0.001<T	0.310	0.48	1.200	0.170	1.680	240.0
82 08 29 1500			0.3	1	31792	8	17.0	0.005	0.250	0.48	0.600	0.230	1.080	245.0
82 09 30 1500			0.3	1	31806	8	14.0	0.013	0.096	0.13	0.180	0.034	0.310	188.0

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH PH	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. MBQ/L
82 04 24 1600			0.3	1	0.90	10.7	1.9	4.836	0.035	0.001	0.003<	0.037	0.002<	40<
82 05 21 1700			0.3	1	4.20	9.6	2.4	6.09	0.220	0.002	0.003<	0.025	0.003	40<
82 06 24 1500			0.3	1	0.36	65.5	7.7	6.990	0.095	0.007	0.003<	0.009	0.002	130
82 07 29 1500			0.3	1	0.48	73.00	6.9	7.15	0.040	0.007	0.003<	0.005	0.003	140
82 08 29 1500			0.3	1	0.77	77.7	7.7	7.09	0.045	0.003	0.003<	0.005	0.001	120
82 09 30 1500			0.3	1	7.80	51.2	7.3	6.901	0.755	0.004	0.003<	0.006	0.002	60

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT FILTERED MBQ/L	GROSS ALPHA CT UNDISSOL MBQ/L	GROSS BETA CT FILTERED MBQ/L	GROSS BETA CT UNDISSOL MBQ/L	URANIUM 238 UG/L	URANIUM UNF.TOT. MG/L AS U
82 04 24 1600			0.3	1	140	40<	120	40<	3<	0.001<
82 05 21 1700			0.3	1	100	40<	130	40<	3<	0.01 <W
82 06 24 1500			0.3	1	230	61	200	49	3<	
82 07 29 1500			0.3	1	320	40<	280	40<	3<	0.003
82 08 29 1500			0.3	1	320	40<	240	40<	3<	0.002
82 09 30 1500			0.3	1	360	60	200	80	3<	0.001

B.O.W./ SITE: CROTCH LAKE OUTLET
SAMPLE POINT: AT CROTCH LAKE 34 1
STATION TYPE: OUTFALL FLOW GAUGE MOE 02CD107

STATION ID: 14-0019-006-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0377900.0 5141500.0 4 REGION: 05 DISTANCE: 70.005

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR N43-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
82 04 24	1700			0.3	1	31666			0.010		3.12	0.300		3.420	186.0
82 05 19	1600			0.3	1	31683	8	18.0	0.013	0.370	0.69	0.815	0.320	1.505	457.0
82 06 22	1300			0.3	1	31711	8	18.0	0.009	0.270	0.58	0.910	0.310	1.490	497.0
82 07 27	1300			0.3	1	31741	8	23.0	0.004	0.238	0.60	0.950	0.362	1.550	530.0
82 08 27	1300			0.3	1	31774	8	17.0	0.005	0.390	0.74	1.250	0.350	1.990	559.0
82 09 28	1300			0.3	1	31787	8	14.0	0.005	0.460	0.90	1.200	0.440	2.100	570.0

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UO238 URANIUM 238 UG/L
82 04 24	1700			0.3	1	1.64	31.8	23.0	7.701	64	270	40<	110	40<	3<
82 05 19	1600			0.3	1	2.30	133.0	22.6	7.780	250	1600	42	380	40<	3
82 06 22	1300			0.3	1	0.93	136.0	27.8	7.790	230	780	40<	770	40<	6
82 07 27	1300			0.3	1	1.23	163.0	28.2	7.78	360	790	40<	330	40<	5
82 08 27	1300			0.3	1	1.60	174.8	27.7	7.78	340	1200	40	740	80	10
82 09 28	1300			0.3	1	6.90	190.3	20.2	7.449	390	1500	300	690	160	5

B.O.W./ SITE: BUCKLES CREEK STATIO ID: 14-0019-007-09
SAMPLE POINT: AT HWY.NO 108 SOUTH OF ELLIOT LAKE 40 1
STATION TYPE: OUTFLOW FLOW GAUGE MOE 02CD102 STORET CODE: 02 002 8040

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

LAT: LONG: U T M: 17 0377150.0 5136600.0 4 REGION: 05 DISTANCE: 73.062

TEST-NAME:					SAMPLE	FWSTRC	FWTEMP	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI
SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N
82 01 28			0.3	1	31607			0.120	0.001	0.240	4.17	3.750	3.930	7.920
82 02 28			0.3	1	31629			0.058	0.001	2.050	4.33	4.350	2.330	8.730
82 04 21 1100			0.3	1	31650			0.018		0.004<T	0.35	3.150	0.346	3.500
82 05 19 1100			0.3	1	31673	8	13.0	0.017		1.120	3.50	2.100	2.380	5.600
82 06 22 0930			0.3	1	31706	8	21.0	0.043		2.050	4.63	3.900	2.580	8.530
82 07 27 0930			0.3	1	31736	8	24.0	0.040		0.690	1.55	3.800	0.860	5.350
82 08 27 0930			0.3	1	31769	8	15.0	0.012		0.790	1.22	3.850	0.430	5.070
82 09 28 0930			0.3	1	31782	8	13.0	0.090		2.100	3.10	4.400	1.000	7.500
82 10 29 0830			0.3	1	31817	8	9.0	0.014		1.350	1.710	5.000	0.360	6.710
82 11 28 0930			0.3	1	31849	8	4.0	0.016		1.090	1.400	4.300	0.310	5.700
82 12 27 1000			0.3	1	31881	2	1.0	0.012		1.770	2.150	1.550	0.330	3.700

TEST-NAME:					RSP	COND25	TURB	SSO4UR	ALKT	PH	FEUT	ALUT	CUUT	PBUT
SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
82 01 28			0.3	1	8.3	1150		531.0	28	7.08	1.75	0.630	0.019	0.003<
82 02 28			0.3	1	6.500	1230		667.0	24	6.18	1.650	0.330	0.014	0.007
82 04 21 1100			0.3	1		690.0	3.30	305.0	5.4	6.783				
82 05 19 1100			0.3	1		1330.0	1.89	690.0	2.7	5.230				
82 06 22 0930			0.3	1		1500.0	1.68	834.0	21.9	6.690				
82 07 27 0930			0.3	1		929.0	2.40	451.0	2.0	4.81				
82 08 27 0930			0.3	1		1430.0	3.10	783.0	5.0	5.94				
82 09 28 0930			0.3	1		1240.0	5.10	588.0	10.1	5.083				
82 10 29 0830			0.3	1		1111.0	4.70	509.80		5.04				
82 11 28 0930			0.3	1		912.0	2.80	430.70		5.235				
82 12 27 1000			0.3	1		766.0	21.00	366.30		6.65				

(C O N T D)

B.O.W./ SITE: BUCKLES CREEK
SAMPLE POINT: AT HWY.NO 108 SOUTH OF ELLIOT LAKE 40 1
STATION TYPE: OUTFLOW FLOW GAUGE MOE 02CD102

STATION ID: 14-0019-007-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0377150.0 5136600.0 4 REGION: 05 DISTANCE: 73.062

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	U0238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 28			0.3	1	0.011	0.003	37	814	148	444	111	11		2.0000
82 02 28			0.3	1	0.010	0.005	40<	590	40<	530	63	6		1.480
82 04 21 1100			0.3	1			58	220	42	211	40<	3<		
82 05 19 1100			0.3	1			180	890	86	560	81	6		
82 06 22 0930			0.3	1			140	720	73	560	53	10		
82 07 27 0930			0.3	1			160	680	92	490	78	7		
82 08 27 0930			0.3	1			140	1200	140	950	70	13		
82 09 28 0930			0.3	1			120	1000	250	790	180	12		
82 10 29 0830			0.3	1			100	1300	90	400	40	20		
82 11 28 0930			0.3	1			90	1100	240	260	120	18		
82 12 27 1000			0.3	1									0.005	

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 28			0.3	1	1.750	3.990	978	0.001<	0.390
82 02 28			0.3	1	2.870	6.400	934.0	0.001<	0.370

B.O.W./ SITE: SHERIFF CREEK
SAMPLE POINT: AT HIGHWAY NO 108 ELLIOT LAKE 45 1
STATION TYPE: RIVER

STATION ID: 14-0019-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0372100.0 5139900.0 4 REGION: 05 DISTANCE: 78.051

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82 01 28				0.3	1	31610			0.260	0.0020	1.220	1.70	0.235	0.480	1.935
82 02 28				0.3	1	31632			0.085	0.0040	1.240	1.62	0.265	0.380	1.883
82 04 22	1330			0.3	1	31653			0.022			0.83	0.005<T		0.835
82 05 19	1500			0.3	1	31682	9	20.0	0.030		0.358		0.185		
82 06 22	1200			0.3	1	31710	8	16.0	0.033		0.158	0.35	0.115	0.192	0.465
82 07 27	1200			0.3	1	31740	8	23.0	0.007		0.040	0.21	0.005<T	0.170	0.215
82 08 27	1200			0.3	1	31773	8	16.0	0.006		0.002<T	0.15	0.005<W	0.148	0.155
82 09 28	1200			0.3	1	31786	8	14.0	0.010		0.100	0.33	0.050	0.230	0.380
82 10 29	1100			0.3	1	31821	8	10.0	0.262		0.650	1.700	0.135	1.050	1.835
82 11 28	1200			0.3	1	31853	8	4.0	0.011		0.530	0.730	0.210	0.200	0.940
82 12 28	1000			0.3	1	31885	2	1.0	0.012		0.340	0.510	0.225	0.170	0.735

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82 01 28				0.3	1	13.000	339		77.0	6	6.32	3.65	0.780	0.006	0.003<
82 02 28				0.3	1	8.0	360.0		70.0	7.0	6.49	2.750	0.450	0.003	0.003<
82 04 22	1330			0.3	1		503.0	38.00	43.9	0.7<T	3.567				
82 05 19	1500			0.3	1		282.0	3.30	60.0	0.3<T	4.650				
82 06 22	1200			0.3	1		346.0	1.98	83.0	2.0	4.300				
82 07 27	1200			0.3	1		387.0	0.34	121.0	0.1<W	4.03				
82 08 27	1200			0.3	1		404.0	0.39	108.3	0.0	4.06				
82 09 28	1200			0.3	1		285.0	1.34	64.7	0.1<T	4.198				
82 10 29	1100			0.3	1		266.0	3.60	52.84		5.21				
82 11 28	1200			0.3	1		260.0	3.20	53.85		4.834				
82 12 28	1000			0.3	1		209.0	3.40	48.20		5.10				

(C O N T D)

B.O.W./ SITE: SHERIFF CREEK
SAMPLE POINT: AT HIGHWAY NO 108 ELLIOT LAKE 45 1
STATION TYPE: RIVER

STATION ID: 14-0019-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0372100.0 5139900.0 4 REGION: 05 DISTANCE: 78.051

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	U238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 28			0.3	1	0.024	0.016	74	851	185	333	185	9		0.0300
82 02 28			0.3	1	0.019	0.014	62	690	270	310	290	4		0.0330
82 04 22 1330			0.3	1			83	2700	190	330	230	41		
82 05 19 1500			0.3	1			97	1400	51	370	76	19		
82 06 22 1200			0.3	1			290	1300	200	1200	28	6		
82 07 27 1200			0.3	1			290	5400	40	900	58	78		
82 09 28 1200			0.3	1			90	3700	160	910	140	46		
82 10 29 1100			0.3	1			110	1600	200	370	250	23		
82 12 28 1000			0.3	1			600	330	110	200	80	3<	0.013	

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 28			0.3	1	0.205	1.455	221.0	0.001<	0.950
82 02 28			0.3	1	0.230	1.503	234	0.001<	0.930

B.O.W./ SITE: ROCHESTER CREEK
SAMPLE POINT: NEAR INLET TO QUIRKE LAKE
STATION TYPE: RIVER FLOW GAUGE FED 02CD005

STATION ID: 14-0019-010-02

STORET CODE: 02
002
8040

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKES HURON
TERM STREAM: SERPENT RIVER

LAT: LONG: U T M: 17 0383100.0 5150450.0 4 REGION: 05 DISTANCE: 79.660

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N
TEST-NAME:					SAMPLE	FWSTRC	FWTEMP	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI
82 01 30			0.3	1	31618			0.095	0.0890	0.052	0.64	0.150	0.583	0.733
82 02 26			0.3	1	31639			0.028	0.0240	0.03	[illegible]	[illegible]	0.[illegible]	0.7 1
82 04 23 1400			0.3	1	31663			0.034		[illegible]	0.31	0.370	0.090	0.750
82 05 21 1230			0.3	1	31696		18.0	0.013		0.450		0.205		
82 06 24 1100			0.3	1	31724	8	17.0	0.010		0.148	0.40	0.145	0.252	0.545
82 09 30 1100			0.3	1	31801		19.0	0.034		0.034	0.39	0.055	0.356	0.445

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
TEST-NAME:					RSP	COND25	TURB	SSO4UR	ALKT	PH	FEUT	ALUT	CUUT	PBUT
82 01 30			0.3	1	0.100<	46		10.0	9	7.19	0.13	0.045	0.002	0.003<
82 02 26			0.3	1	0.1 <W	46.0		11.0	8.0	7.57	0.130	0.029	0.001<	0.003
82 04 23 1400			0.3	1		38.9	0.56	8.2	6.4	6.864				
82 05 21 1230			0.3	1		34.1	0.79	7.1	5.3	7.070				
82 06 24 1100			0.3	1		36.8	0.84	6.3	5.4	7.040				
82 09 30 1100			0.3	1		41.9	0.83	8.8	7.9	6.813				

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
TEST-NAME:					ZNUT	NIUT	RA226F	GACF	GACP	GBCF	GBCP	UU238	UUUT	NNO2FR
82 01 30			0.3	1	0.006	0.001<	37<	111	37<	74	37<	3<		0.0030
82 02 26			0.3	1	0.005	0.001<	140	720	150	350	78	4		0.0060
82 04 23 1400			0.3	1			40<	120	40<	72	40<	3<		
82 05 21 1230			0.3	1			40<	62	40<	44	40<	3<		
82 06 24 1100			0.3	1			40<	74	40<	26	40<	3<		
82 09 30 1100			0.3	1			40<	60	40<	70	40<	3<		

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:					NNO3FR	NNTIFR	RSF	ASUT	MNUT
82 01 30			0.3	1	0.145	0.200	30.0	0.001<	0.012
82 02 26			0.3	1	0.175	0.269	30	0.001<	0.008

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: NEAR INLET TO QUIRKE LAKE
STATION TYPE: RIVER FLOW GAUGE FED 02CD006

STATION ID: 14-0019-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0376550.0 5151850.0 4 REGION: 05 DISTANCE: 86.098

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82 01 30				0.3	1	31617			0.184	0.140	27.500	78.00	34.500	50.500	112.490
82 02 26				0.3	1	31633			0.035	0.020	25.500	30.20	37.500	4.700	67.700
82 04 23	1830			0.3	1	31659			0.004		8.950	10.00	14.000	1.050	24.000
82 05 21	1100			0.3	1	31694	9	19.0	0.055			19.30	23.500		42.800
82 06 24	0930			0.3	1	31722	8	18.0	0.006		10.000	15.40	26.200	5.400	41.600
82 07 29	0930			0.3	1	31753	8	25.0	0.004		16.900	19.50	32.500	2.600	52.000
82 08 29	0930			0.3	1	31785	8	18.0	0.016		18.500	19.20	42.000	0.700	61.200
82 09 30	0930			0.3	1	31799	8	15.0	0.007		11.400	13.50	20.500	2.100	34.000
82 10 31	0830			0.3	1	31833	8	8.0	0.002<T				8.750		
82 11 30	0930			0.3	1	31865	8	3.0	0.009		3.250	5.300	8.000	2.050	13.300
82 12 29	1000			0.3	1	31897	2		0.008		7.9	7.900	10.500	0.000	18.400

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82 01 30				0.3	1	1.0	1380		460.0	42	8.96	0.08	0.270	0.019	0.029
82 02 26				0.3	1	1.500	1480		480.0	49	9.05	0.09	0.320	0.016	0.003<
82 04 23	1830			0.3	1		717.0	1.72	256.0	9.0	6.890				
82 05 21	1100			0.3	1		1090.0	1.32	456.0	13.9	6.950				
82 06 24	0930			0.3	1		1090.0	0.55	396.0	16.7	6.910				
82 07 29	0930			0.3	1		1520.0	0.65	668.0	13.5	7.44				
82 08 29	0930			0.3	1		1990.0	0.48	1185.0	17.3	7.45				
82 09 30	0930			0.3	1		1110.0	10.70	430.8	6.8	6.775				
82 10 31	0830			0.3	1		566.0	0.36	172.60		7.15				
82 11 30	0930			0.3	1		500.0	0.26	156.20		5.070				
82 12 29	1000			0.3	1		608.0	0.90	209.20		4.93				

(C O N T D)

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: NEAR INLET TO QUIRKE LAKE
STATION TYPE: RIVER FLOW GAUGE FED 02CD006

STATION ID: 14-0019-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0376550.0 5151850.0 4 REGION: 05 DISTANCE: 86.093

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNJT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	JU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 30				0.3	1	0.007	0.008	111	2738	148	2035	148	37		0.790
82 02 26				0.3	1	0.007	0.006	72	2100	250	2000	170	31		0.700
82 04 23	1330			0.3	1			67	830	600	780	220	13		
82 05 21	1100			0.3	1			89	870	180	1200	130	24		
82 06 24	0930			0.3	1			96	2900	180	1200	250	47		
82 08 29	0930			0.3	1			40<	7300	170	2200	530	110		
82 09 30	0930			0.3	1			80	1500	1300	1300	960	21		
82 10 31	0830			0.3	1			120	1500	40<	670	40<	20		
82 11 30	0930			0.3	1			90	580	110	550	90	6		
82 12 29	1000			0.3	1			440	280	1100	370	600	3<	0.016	

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 30				0.3	1	33.700	61.990	1003	0.001<	0.130
82 02 26				0.3	1	36.800	63.000	1077.0	0.001<	0.084

B.O.W./ SITE: CREEK
SAMPLE POINT: NEAR ROAD TO STANROCK TOWNSITE 32 2
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-012-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0380900.0 5147400.0 4 REGION: 05 DISTANCE: 86.902

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
82 04 22 1550			0.3	1	31655			0.025	0.328	0.55	0.290	0.222	0.840	526.0
82 05 20 1000			0.3	1	31684	8	19.0	0.028	1.590	1.93	0.010<T	0.340	1.940	1810.0
82 06 23 0900			0.3	1	31712	9	22.0	0.310	0.316	6.40	0.005	6.084	6.405	2740.0
82 09 29 0900			0.3	1	31788	8	16.0	0.040	1.070	1.38	0.020	0.310	1.400	1180.0
82 10 30 0800			0.3	1	31822	8	9.0	0.033	0.940	1.150	0.020	0.210	1.170	1270.0
82 11 29 0900			0.3	1	31854	8	5.0	0.005	0.560	0.650	0.015<T	0.090	0.665	873.0
82 12 28 1000			0.3	1	31886	2	1.0	0.070	0.570	0.750	0.005<T	0.180	0.755	833.0

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB TURBIDITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L
82 04 22 1550			0.3	1	41.00	142.0	20.7	4.124	40<	500	61	130	100	8
82 05 20 1000			0.3	1	330.00	670.0	0	2.950	330	1200	40<	1200	40<	3
82 06 23 0900			0.3	1	2100.00	1770.0	0.1<T	2.850						
82 09 29 0900			0.3	1	154.00	491.0	0.1<T	3.090	140	570	130	750	80	3<
82 10 30 0800			0.3	1	97.00	448.30		3.08	260	970	170	630	130	9
82 11 29 0900			0.3	1	79.00	284.80		3.215	70	530	170	410	150	7
82 12 28 1000			0.3	1	44.00	286.00		3.19						

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	UUUT URANIUM UNF.TOT. MG/L AS U
82 12 28 1000			0.3	1	0.032

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT PANEL MINESIDE ROAD 24 1
STATION TYPE: RIVER

STATION ID: 14-0019-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0374060.0 5151050.0 4 REGION: 05 DISTANCE: 89.477

SAMP YR	MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PP04FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82	01	30				0.3	1	31616			0.125	0.1100	7.500	7.80	12.000	0.300	19.820
82	02	26				0.3	1	31637			0.016	0.0040	15.000	20.30	27.500	5.300	47.830
82	04	23	1800			0.3	1	31658			0.003<T		3.500	4.20	8.250	0.700	12.450
82	05	21	1000			0.3	1	31693	8	13.0	0.014		7.700	8.50	15.500	0.800	24.000
82	06	24	0900			0.3	1	31721	8	18.0	0.013		8.050	10.00	21.500	1.950	31.500
82	07	29	0900			0.3	1	31752	8	25.0	0.006		10.600	13.00	26.000	2.400	39.000
82	08	29	0900			0.3	1	31784	8	18.0	0.009		16.200	17.10		0.900	
82	09	30	0900			0.3	1	31798	8	15.0	0.006		6.000	6.20	21.500	0.200	27.700
82	10	31	0800			0.3	1	31832	8	8.0	0.002<T		3.550	3.750	7.500	0.200	11.250
82	11	30	0900			0.3	1	31864	8	3.0	0.002<T				12.700		
82	12	29	1000			0.3	1	31896	2		0.001<W				7.250		

SAMP YR	MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82	01	30				0.3	1	1.000	590		174.0	36	9.52	0.03	0.170	0.011	0.003<
82	02	26				0.3	1	0.6	1130.0		334.0	54.0	9.48	0.020	0.280	0.010	0.003<
82	04	23	1800			0.3	1		470.0	1.86	148.0	10.2	6.871				
82	05	21	1000			0.3	1		736.0	0.96	262.0	13.2	7.450				
82	06	24	0900			0.3	1		875.0	0.73	320.0	14.5	7.140				
82	07	29	0900			0.3	1		1140.0	0.35	458.0	13.7	7.52				
82	08	29	0900			0.3	1		2060.0	0.67	1037.0	8.7	6.76				
82	09	30	0900			0.3	1		1020.0	0.75	303.9	15.9	7.284				
82	10	31	0800			0.3	1		446.0	0.52	116.00		6.88				
82	11	30	0900			0.3	1		657.0	0.53	193.10		7.266				
82	12	29	1000			0.3	1		424.0	0.80	126.60		6.71				

(C O N T D)

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT PANEL MINESIDE ROAD 24 1
STATION TYPE: RIVER

STATION ID: 14-0019-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0374060.0 5151050.0 4 REGION: 05 DISTANCE: 89.477

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 30			0.3	1	0.005	0.003	148	518	37	703	37	3		0.2200
82 02 26			0.3	1	0.008	0.004	110	860	480	1200	130	10		0.4300
82 04 23 1800			0.3	1			77	410	490	390	170	5		
82 05 21 1000			0.3	1			100	850	140	670	120	12		
82 06 24 0900			0.3	1			110	2800	140	570	220	43		
82 07 29 0900			0.3	1			95	2900	160	1100	290	45		
82 08 29 0900			0.3	1			40<	6900	840	2400	830	110		
82 09 30 0900			0.3	1			230	1700	330	1600	260	20		
82 10 31 0800			0.3	1			150	1100	40<	420	40<	16		
82 12 29 1000			0.3	1									0.010	

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 30			0.3	1	11.800	19.520	430.0	0.001<	0.016
82 02 26			0.3	1	27.100	42.530	766	0.001<	0.014

B.O.W./ SITE: STOLLERY LAKE
SAMPLE POINT: STOLLERY LAKE AT DENISON DAM 21 4
STATION TYPE: INDUSTRIAL PROCESS

STATIO ID: 14-0019-017-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0374500.0 5149100.0 4 REGION: 05 DISTANCE: 92.535

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
82 04 24	1300			0.3	1	31668			0.010	0.740	35.00	1.500	34.260	36.500	
82 05 20	1400			0.3	1	31688	8	12.0	0.012		48.00	14.500		62.500	3360.0
82 06 23	1300			0.3	1	31716	8	18.0	0.018	44.5	44.50	122.000	0.000	166.500	3550.0
82 07 28	1300			0.3	1	31747	8	25.0	0.010	46.000	44.50	102.000	1.500	146.500	3590.0
82 08 28	1300			0.3	1	31779	8	17.0	0.015		33.50				3420.0
82 09 29	1300			0.3	1	31793	8	14.0	0.012	30.000	34.25	92.500	4.250	126.750	3290.0
82 10 30	1200			0.3	1	31827	8	10.0	0.007	40.500	44.000	72.500	3.500	116.500	3300.0
82 11 29	1300			0.3	1	31859	8	5.0	0.009	39.500	41.000	90.000	1.500	131.000	3290.0

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB TURBIDITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L
82 04 24	1300			0.3	1	12.40	1190.0	46.9	8.368	42	960	4200	2600	1600	15
82 05 20	1400			0.3	1	7.90	1370.0	56.3	7.040	52	6600	3200	4500	1700	100
82 06 23	1300			0.3	1	3.40	1770.0	61.1	7.800	70	14000	1100	4700	1300	260
82 07 28	1300			0.3	1	0.96		43.2	8.35	97	13000	1300	4100	1800	210
82 08 28	1300			0.3	1	3.70	1763.0	12.1	6.65	40<	7000	6700	3800	3700	120
82 09 29	1300			0.3	1	0.45	1228.0	30.5	7.375	460	7700	2100	3400	1500	130
82 10 30	1200			0.3	1	1.13	1208.00		7.21	870	7800	1500	3200	870	130
82 11 29	1300			0.3	1	4.60	1269.00		7.263	2200	3100	5400	3700	3000	130

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	UUUT URANIUM UNF.TOT. MG/L AS U
82 12 28	1000			0.3	1	0.007

B.O.W./ SITE: DUNLOP LAKE OUTLET
SAMPLE POINT: AT OUTLET OF DUNLOP LAKE 18 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD002

STATION ID: 14-0019-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0373450.0 5148600.0 4 REGION: 05 DISTANCE: 93.339

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKJR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82 01 29			0.3	1	31615			0.090	0.089	0.042	0.14		0.098	
82 02 27			0.3	1	31636			0.023	0.005	0.044	0.20		0.156	
82 04 23 1730			0.3	1	31657			0.002<T		0.196	0.32	0.170	0.124	0.490
82 05 20 1200			0.3	1	31686	8	19.0	0.010		0.022	0.20	0.075	0.178	0.275
82 06 23 1100			0.3	1	31714	8	21.0	0.006		0.180	0.18	0.060	0.000	0.240
82 07 28 1100			0.3	1	31745	8	24.0	0.005		0.014	0.20	0.055	0.186	0.255
82 08 28 1100			0.3	1	31777	8	17.0	0.003<T		0.016	0.19	0.030	0.174	0.220
82 09 29 1100			0.3	1	31791	8	14.0	0.004		0.012	0.20	0.010<T	0.188	0.210
82 10 30 1000			0.3	1	31825	8	8.0	0.005		0.028	0.180	0.030	0.152	0.210
82 11 29 1100			0.3	1	31857	8	4.0	0.002<T		0.034	0.240	0.105	0.206	0.345
82 12 28 1000			0.3	1	31889	2		0.004		0.036	0.140	0.005<T	0.104	0.145

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82 01 29			0.3	1	0.5	36	0.26	0.70		13		0.02	0.002	0.003<
82 02 27			0.3	1	0.100<W	47	0.23	1.60		11		0.02	0.001	0.003<
82 04 23 1730			0.3	1		39.0	0.59		7.6	10.3	7.076			
82 05 20 1200			0.3	1		36.0	2.70		7.1	6.7	6.970			
82 06 23 1100			0.3	1		33.2	0.38		7.2	5.9	6.920			
82 07 28 1100			0.3	1		35.4	0.51		6.30	6.2	7.29			
82 08 28 1100			0.3	1		40.2	0.51		7.5	7.6	7.23			
82 09 29 1100			0.3	1		41.1	0.95		6.6	8.0	6.837			
82 10 30 1000			0.3	1		34.6	0.43		6.62		7.08			
82 11 29 1100			0.3	1		38.0	0.51		6.79		7.015			
82 12 28 1000			0.3	1		35.8	0.44		7.38		7.24			

(C O N T D)

B.O.W./ SITE: DUNLOP LAKE OUTLET
SAMPLE POINT: AT OUTLET OF DUNLOP LAKE 13 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD002

STATION ID: 14-0019-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0373450.0 5148600.0 4 REGION: 05 DISTANCE: 93.339

SAMP YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	HARDT HARDNESS TOTAL MG/L AS CACO3
82 01 29				0.3	1	0.004	0.001<	37<	185	37<	74	37<	3		12.0
82 02 27				0.3	1	0.006	0.001<	40<	45	40<	59	40<	3<		14
82 04 23	1730			0.3	1			40<	94	40<	46	40<	3<		
82 05 20	1200			0.3	1			40<	50	40<	60	40<	3<		
82 06 23	1100			0.3	1			40<	160	40<	37	40<	3		
82 07 28	1100			0.3	1			40<	250	40<	340	40<	3<		
82 08 28	1100			0.3	1			40<	370	40<	60	40<	4		
82 09 29	1100			0.3	1			40<	210	40<	90	40<	4		
82 10 30	1000			0.3	1			40<	70	40<	50	40<	3<		
82 11 29	1100			0.3	1			40<	320	40<	60	40<	6		
82 12 28	1000			0.3	1									0.001	

SAMP YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	ASUT ARSENIC UNF.TOT. MG/L AS AS
82 01 29				0.3	1	3.6	0.76	0.001<
82 02 27				0.3	1	4.2	0.86	0.001<

B.O.W./ SITE: SERPENT RIVER TRIB.
SAMPLE POINT: MOOSE LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 14-0019-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0383550.0 5146325.0 4 REGION: 05 DISTANCE: 85.293

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:					SAMPLE	FWSTRC	FWTEMP	PPUT	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI	COND25
82 07 28 1030			0.3	1	31744	8	25.0	0.007	1.660	1.80	8.250	0.140	10.050	3470.0
82 08 28 1030			0.3	1	31776	8	17.0	0.005	0.490	0.67	2.450	0.180	3.120	4000.0
82 09 29 1030			0.3	1	31790	8	14.0	0.007	0.980	1.35	7.500	0.370	8.850	3180.0
82 10 30 0930			0.3	1	31824	8	8.0	0.002<T	2.600	2.800	5.250	0.200	8.050	2660.0
82 11 29 1030			0.3	1	31856	8	4.0	0.002<T	2.500	2.900	4.550	0.400	7.450	2000.0
82 12 28 1000			0.3	1	31888	2	1.0	0.004	4.75	4.750	5.500	0.000	10.250	1930.0

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L
TEST-NAME:					TURB	SSO4UR	ALKT	PH	FEUT	CUUT	PBUT	ZNUT	NIUT	RA226F
82 07 28 1030			0.3	1	1.57	1420	19.3	8.58						40<
82 08 28 1030			0.3	1	0.34	1254.0	28.7	9.44	0.025<T	0.017	0.007	0.002	0.001	40<
82 09 29 1030			0.3	1	12.10	1045.0	1.5	4.776	2.500	0.039	0.003<	0.031	0.027	40<
82 10 30 0930			0.3	1	0.56	1055.00	27.0	7.97	0.150	0.030	0.005	0.018	0.013	40<
82 11 29 1030			0.3	1	2.00	885.50	27.5	7.796	0.255	0.046	0.003<	0.015	0.013	40<
82 12 28 1000			0.3	1	18.00	904.00	22.6	7.75	4.150	0.017	0.003<	0.042	0.012	

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
TEST-NAME:					GACF	GACP	GBCF	GBCP	UU238	UUUT
82 07 28 1030			0.3	1	960	40<	430	66	18	0.012
82 08 28 1030			0.3	1	1700	40<	220	40<	17	0.001
82 09 29 1030			0.3	1	2400	260	40<	190	39	0.024
82 10 30 0930			0.3	1	1800	50	40<	90	33	0.019
82 11 29 1030			0.3	1	1400	140	60	130	22	0.008
82 12 28 1000			0.3	1						0.017

B.O.W./ SITE: QUIRKE TAILINGS CONTROL
SAMPLE POINT: POND A OUTLET
STATION TYPE: RIVER

STATIO ID: 14-0019-022-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0370375.0 5150900.0 4 REGION: 05 DISTANCE: 91.730

SAMP YR	MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N
82	01	30				0.3	1	31621			0.034	0.027	0.012	0.37	0.320	0.358	0.690
82	02	26				0.3	1	31642			0.025	0.005	0.120	1.72	0.190	1.600	1.912
82	04	23	1230			0.3	1	31662			0.018		0.300	1.63	0.490	1.330	2.120
82	05	20	1530			0.3	1	31691	9	15.0	0.102		0.034	1.20	0.180	1.166	1.380
82	06	23	1500			0.3	1	31719	8	18.0	0.009		0.022	0.60	0.555	0.578	1.155
82	07	28	1500			0.3	1	31749	8	24.0	0.006		0.144	0.19	0.670	0.046	0.860
82	08	28	1500			0.3	1	31781	8	17.0	0.013		0.116	0.25	0.590	0.134	0.840
82	09	29	1530			0.3	1	31795	8	14.0	0.012		0.028	0.38	0.275	0.352	0.655
82	10	30	1400			0.3	1	31830	8	8.0	0.015		0.066	0.275	0.130	0.209	0.405
82	11	29	1500			0.3	1	31862	8	4.0	0.014		0.038	0.410	0.320	0.372	0.730
82	12	29	1000			0.3	1	31894	2	1.0	0.027		0.340	0.650	0.380	0.310	1.030

SAMP YR	MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURBIDITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82	01	30				0.3	1	0.2	55		10.5	13	7.39	0.37	0.036	0.002	0.003<
82	02	26				0.3	1	0.100<W	57		10.5	16	7.50	0.40	0.035	0.001	0.003<
82	04	23	1230			0.3	1		45.1	6.70	8.9	8.6	6.929	0.600		0.004	0.003<
82	05	20	1530			0.3	1		44.6	18.20	8.2	7.9	7.220	1.605		0.030	0.018
82	06	23	1500			0.3	1		72.0	5.10	8.9	18.6	7.580				
82	07	28	1500			0.3	1		51.8	1.86	8.5	12.5	7.38	0.165		0.007	0.003<
82	08	28	1500			0.3	1		62.6	4.00	8.9	15.2	7.54	0.270		0.009	0.005
82	09	29	1530			0.3	1		66.3	8.30	10.6	13.1	7.177	0.555		0.007	0.003<
82	10	30	1400			0.3	1		52.6	6.80	11.87	10.3	7.30	0.885		0.003	0.003<
82	11	29	1500			0.3	1		52.2	13.30	9.27	9.2	7.238			0.005	0.004
82	12	29	1000			0.3	1		61.4	12.30	15.24	6.2	6.68	2.200		0.002	0.003

(C O N T D)

B.O.W./ SITE: QUIRKE TAILINGS CONTROL
SAMPLE POINT: POND A OUTLET
STATION TYPE: RIVER

STATION ID: 14-0019-022-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0370375.0 5150900.0 4 REGION: 05 DISTANCE: 91.730

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	JU233 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 30			0.3	1	0.008	0.001<	37<	37	37<	37	37<	3<		0.105
82 02 26			0.3	1	0.007	0.001<	40<	160	40<	30	40<	3		0.007
82 04 23 1230			0.3	1	0.012	0.002<	40<	170	40<	57	40<	3	0.001<	
82 05 20 1530			0.3	1	0.026	0.009	40<	120	51	41	66	3<	0.001<	
82 06 23 1500			0.3	1			40<	82	40<	30	40<	3<		
82 07 28 1500			0.3	1	0.021	0.002	40<	110	40<	68	40<	3<		
82 08 28 1500			0.3	1	0.004	0.001<	40<	380	120	80	60	3	0.001	
82 09 29 1530			0.3	1	0.004	0.003	50	180	80	100	40	3<	0.001	
82 10 30 1400			0.3	1	0.010	0.001	80	810	80	120	50	14	0.001	
82 11 29 1500			0.3	1	0.011	0.002	70	230	130	70	100	4	0.001<	
82 12 29 1000			0.3	1	0.014	0.005	40<	40<	50	40<	40<	3<	0.001	

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 30			0.3	1	0.215	0.332	36	0.001<	0.132
82 02 26			0.3	1	0.135	0.312	37.0	0.001<	0.126

B.O.W./ SITE: PRONTO EFFLUENT
SAMPLE POINT: AT HWY.NO.17 NEAR PRONTO MINE RD.60 1
STATION TYPE: LAKE FLOW GAUGE MOE 02CD100

STATIO ID: 14-0019-023-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0369000.0 5117650.0 4 REGION: 05 DISTANCE: 0.805

SAMP YR	DTE MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82	01	27				0.3	1	31604			0.015	0.0010<T	0.460	0.80	0.085	0.340	0.885
82	02	27				0.3	1	31626			0.015	0.0020	0.440	0.68	0.100	0.240	0.780
82	04	21	1000			0.3	1	31648			0.008		0.450	0.48	0.190	0.030	0.670
82	05	18	1000			0.3	1	31675	8	13.0	0.012		0.004<T	0.19	0.170	0.186	0.360
82	06	21	1100			0.3	1	31703	8	16.0	0.006		0.018	0.11	0.020	0.092	0.130
82	07	26	1100			0.3	1	31731	8	25.0	0.011		0.018	0.45	0.005<T	0.432	0.455
82	08	26	1100			0.3	1	31764	8	14.0	0.007		0.056	0.60	0.005<T	0.544	0.605
82	09	27	1100			0.3	1	31777	8	14.0	0.008		0.024	0.30	0.005<T	0.276	0.305
82	10	28	1000			0.3	1	31812	8	9.0	0.002<T		0.074	0.220	0.165	0.146	0.385
82	11	27	1100			0.3	1	31844	8	3.0	0.001<T		0.500	0.610	0.075	0.110	0.685
82	12	27	1000			0.3	1	31876	2	1.0	0.010		0.006<T	0.270	0.235	0.264	0.555

SAMP YR	DTE MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82	01	27				0.3	1	16.0	1190		513.0	62	6.85	1.55	0.200	0.018	0.010
82	02	27				0.3	1	4.8	1205.0		548.0	60.0	7.79	1.350	0.160	0.013	0.005
82	04	21	1000			0.3	1		502.0	3.20	190.0	15.7	7.271				
82	05	18	1000			0.3	1		618.0	2.20	268.0	23.4	7.900				
82	06	21	1100			0.3	1		825.0	0.83	388.0	26.5	7.620				
82	07	26	1100			0.3	1		683.0	1.66	163.0	94.3	7.78				
82	08	26	1100			0.3	1		622.0	1.28	118.4	86.0	8.16				
82	09	27	1100			0.3	1		681.0	0.41	238.1	35.0	7.428				
82	10	28	1000			0.3	1		974.0	0.74	456.80		7.35				
82	11	27	1100			0.3	1		881.0	2.20	422.00		7.846				
82	12	27	1000			0.3	1		398.0	1.90	120.90		7.22				

(C O N T D)

B.O.W./ SITE: PRONTO EFFLUENT
SAMPLE POINT: AT HWY.NO.17 NEAR PRONTO MINE RD.60 1
STATION TYPE: LAKE FLOW GAUGE MOE 02CD100

STATION ID: 14-0019-023-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0369000.0 5117650.0 4 REGION: 05 DISTANCE: 0.805

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUJT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 27			0.3	1	0.024	0.005	74	2627	74	481	222	38		0.0050
82 02 27			0.3	1	0.016	0.004	52	2500	110	530	420	39		0.0050
82 04 21 1000			0.3	1			40<	320	68	180	40<	5		
82 05 18 1000			0.3	1			42	670	40<	330	40<	6		
82 06 21 1100			0.3	1			43	400<R	40<	160	40<	5		
82 07 26 1100			0.3	1			45	3800	40<	460	150	59		
82 08 26 1100			0.3	1			40<	1600	40<	440	40<	23		
82 09 27 1100			0.3	1			40<	940	40<	320	40<	12		
82 10 28 1000			0.3	1			50	1400	40<	460	40<	22		
82 11 27 1100			0.3	1			40	720	40<	90	40<	10		
82 12 27 1000			0.3	1			40<	120	40<	150	40<	3<	0.004	

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 27			0.3	1	0.030	0.545	768	0.001<	0.500
82 02 27			0.3	1	0.095	0.540	963	0.001<	0.505

B.O.W./ SITE: SERPENT RIVER TRIB
SAMPLE POINT: PANEL MINE TREATMENT PLANT INFLOW P13
STATION TYPE: RIVER

STATIC ID: 14-0019-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0381725.0 5151600.0 4 REGION: 05 DISTANCE: 80.643

TEST-NAME:						SAMPLE	FWSTRC	FWTEMP	PPUT	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI	COND25
SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C
82 07 29 1330			0.3	1	31758	8	24.0	0.005	4.900	4.70	13.750	0.200	18.450	2340.0
82 08 29 1330			0.3	1	31790	8	17.0	0.012	5.300	5.90	15.500	0.600	21.400	2580.0
82 09 30 1330			0.3	1	31804	8	15.0	0.007	4.550	4.85	14.250	0.300	19.100	2500.0
82 10 31 1230			0.3	1	31837	8	8.0	0.005	3.950	4.050	14.000	0.100	18.050	2520.0
82 11 30 1330			0.3	1	31869	8	3.0	0.003<	3.800	4.100	14.300	0.300	18.400	2480.0

TEST-NAME:						TURB	SSO4UR	ALKT	PH	FEUT	CUUT	PBUT	ZNUT	NIUT	RA226F
SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ		TURBIDITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. MBQ/L
82 07 29 1330			0.3	1		5.20	1350	3.0	6.41	0.685	0.019	0.021	0.020	0.010	8300
82 08 29 1330			0.3	1		4.80	1473.0	4.6	6.28	0.510	0.012	0.003<	0.011	0.006	6300
82 09 30 1330			0.3	1		12.60	1248.0	0.6	4.430	2.000	0.027	0.003<	0.058	0.019	8600
82 10 31 1230			0.3	1		9.70	1250.00	1.7	4.76	2.450	0.023	0.009	0.045	0.012	9300
82 11 30 1330			0.3	1		10.10	1177.00	2.7	4.691	1.575	0.012	0.003<	0.042	0.012	7800

TEST-NAME:						GACF	GACP	GBCF	GBCP	UU238	UUUT
SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ		GROSS ALPHA CT FILTERED MBQ/L	GROSS ALPHA CT UNDISSOL MBQ/L	GROSS BETA CT FILTERED MBQ/L	GROSS BETA CT UNDISSOL MBQ/L	URANIUM 238 UG/L	URANIUM UNF.TOT. MG/L AS U
82 07 29 1330			0.3	1		9300	390	14000	290	28	0.037
82 08 29 1330			0.3	1		23000	370	18000	190	43	0.040
82 09 30 1330			0.3	1		9100	1100	1900	1100	140	0.120
82 10 31 1230			0.3	1		10000	420	3100	610	130	0.140
82 11 30 1330			0.3	1		10000	13000	7400	6000	110	0.094

B.O.W./ SITE: SERPENT RIVER TRIB
SAMPLE POINT: PANEL MINE TREATMENT PLANT OUTLET P14
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-026-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0381900.0 5151400.0 4 REGION: 05 DISTANCE: 80.321

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
82 07 29 1345			0.3	1	31759	8	23.0	0.004	3.200	3.50	13.750	0.300	17.250	2310.0
82 08 29 1345			0.3	1	31791	8	16.0	0.006		3.50				2480.0
82 09 30 1345			0.3	1	31805	8	13.0	0.001<W	3.950	4.10	14.750	0.150	18.850	2530.0
82 10 31 1245			0.3	1	31838	8	8.0	0.002<T	3.600	3.750	13.750	0.150	17.500	2540.0
82 11 30 1345			0.3	1	31870	8	3.0	0.002<T	3.700	3.900	14.600	0.200	18.500	2460.0
82 12 29 1000			0.3	1	31903	2	1.0	0.015			14.500			2510.0

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L
82 07 29 1345			0.3	1	1.59	1650	20.1	9.15	0.145	0.024	0.022	0.015	0.006	55
82 08 29 1345			0.3	1	1.14	1442.0	8.7	6.78	0.070	0.017	0.012	0.004	0.004	40<
82 09 30 1345			0.3	1	1.43	1209.0	17.3	7.534	0.080	0.019	0.003<	0.004	0.007	280
82 10 31 1245			0.3	1	0.61	1255.00	18.4	8.27	0.035<T	0.031	0.003<	0.003	0.009	410
82 11 30 1345			0.3	1	0.74	1175.00	16.1	7.410	0.055	0.008	0.003<	0.004	0.006	600
82 12 29 1000			0.3	1	0.78	1286.00	21.9	8.23	0.035<T	0.025	0.003<	0.007	0.008	730

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 07 29 1345			0.3	1	1400	1300	3500	610	22	0.022
82 08 29 1345			0.3	1	2500	330	4200	270	35	0.024
82 09 30 1345			0.3	1	3900	1400	3400	840	51	0.039
82 10 31 1245			0.3	1	6100	720	4300	550	96	0.086
82 11 30 1345			0.3	1	1600	1600	1500	990	21	0.053
82 12 29 1000			0.3	1	2800	1600	1600	860	42	0.060

B.O.W./ SITE: ELLIOT LAKE
SAMPLE POINT: AT ELLIOT LAKE MUNICIPAL PUMPHOUSE 48 1
STATION TYPE: LAKE

STATIO ID: 14-0019-027-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0372000.0 5133450.0 4 REGION: 05 DISTANCE: 76.442

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PP04FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82 02 28				0.3	1	31631			0.018	0.007	0.012	0.30	1.250	0.288	1.552
82 04 22	1300			0.3	1	31652			0.008		0.252	0.53	0.560	0.278	1.090
82 05 19	1430			0.3	1	31681	8	15.0	0.015		0.322	0.38	0.355	0.058	0.735
82 06 22	1130			0.3	1	31709	8	17.0	0.008		0.030	0.23	0.195	0.200	0.425
82 07 27	1130			0.3	1	31739	8	26.0	0.013		0.186	0.52	0.170	0.334	0.690
82 08 27	1130			0.3	1	31772	8	15.0	0.009		0.078	0.30	0.115	0.222	0.415
82 09 28	1130			0.3	1	31785	8	14.0	0.005		0.038	0.27	0.125	0.232	0.395
82 10 29	1030			0.3	1	31820	8	9.0	0.005		0.050	0.440	0.305	0.390	0.745
82 11 28	1130			0.3	1	31852	8	4.0	0.005		0.032	0.200	0.205	0.168	0.405
82 12 28	1000			0.3	1	31884	2		0.009		0.144	0.400	0.750	0.256	1.150

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SS04UR SULPHATE UNF.REAC MG/L AS S04	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82 02 28				0.3	1	0.700	525		29.5	23.5	7.13	0.07	0.060	0.004	0.003<
82 04 22	1300			0.3	1		111.0	0.72	19.4	3.6	6.235	0.070		0.003	0.004
82 05 19	1430			0.3	1		146.0	1.51	20.0	3.2	6.890	0.135		0.001	0.003<
82 06 22	1130			0.3	1		114.0	3.20	19.2	4.4	6.630	0.325		0.005	0.003
82 07 27	1130			0.3	1		128.0	1.21	21.6	5.4	6.78	0.100		0.001	0.003<
82 08 27	1130			0.3	1		115.0	0.66	20.6	6.1	6.86	0.015<1		0.002	0.003<
82 09 28	1130			0.3	1		146.0	1.06	22.1	9.7	7.051				
82 10 29	1030			0.3	1		142.0	0.79	18.52	11.9	7.24	0.215		0.003	0.003<
82 11 28	1130			0.3	1		119.0	0.82	20.14	7.9	6.868	0.105		0.002	0.003<
82 12 28	1000			0.3	1		247.0	0.68	22.55	8.7	7.22	0.095		0.001	0.003<

(C O N T D)

B.O.W./ SITE: ELLIOT LAKE
SAMPLE POINT: AT ELLIOT LAKE MUNICIPAL PUMPHOUSE 48 1
STATION TYPE: LAKE

STATION ID: 14-0019-027-01
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER
STORET CODE: 02 002 8040

LAT: LONG: U T M: 17 0372000.0 5133450.0 4 REGION: 05 DISTANCE: 76.442

SAMP DTE HOUR YR MO DY LMT	STN DIST STN MTRS BRG	SAMP DEPTH MTRS PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	JU238 URANIUM 238 UG/L	UUJT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
32 02 28		0.3 1	0.010	0.001	40<	130	40<	110	40<	3<		0.002
32 04 22 1300		0.3 1	0.017	0.002<	40<	95	40<	140	69	3<	0.002	
32 05 19 1430		0.3 1	0.009	0.002	40<	69	40<	120	40<	3<	0.002	
32 06 22 1130		0.3 1	0.012	0.003	40<	210	40<	98	40<	3<		
32 07 27 1130		0.3 1	0.003	0.002	40<	57	40<	80	40<	3<	0.003	
32 08 27 1130		0.3 1	0.003	0.001	40<	270	40<	140	40<	3	0.002	
32 09 28 1130		0.3 1			40<	280	40<	160	40<	3		
32 10 29 1030		0.3 1	0.008	0.003	50	570	50	80	40<	10	0.004	
32 11 28 1130		0.3 1	0.006	0.002	40<	600	40<	150	40<	10	0.004	
32 12 28 1000		0.3 1	0.008	0.002	40<	40<	40<	50	40<	3<	0.002	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN MTRS BRG	SAMP DEPTH MTRS PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
32 01 28		0.3 1	1.100	1.150	273	0.001<	0.034
32 02 28		0.3 1	1.250	1.264	300.0	0.001<	0.038

B.O.W./ SITE: DUNLOP LAKE
SAMPLE POINT: DUNLOP LAKE IN BAY A 18 1
STATION TYPE: LAKE

STATION ID: 14-0019-030-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0372900.0 5149000.0 4 REGION: 05 DISTANCE: 93.822

TEST-NAME:					SAMPLE	FWTEMP	PPUT	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI	COND25	TURB
							PHOSPHOR	NH3-N	K'DAHL N		KJELDAHL			
	STN	SAMP				WATER	UNF.TOT.	TOTAL	TOTAL	NO2+NO3N	ORGANIC		CONDUCT.	
SAMP DTE HOUR	DIST STN	DEPTH			SAMPLE	TEMP	MG/L	FIL.REAC	FIL.TOT.	FIL.REAC	UNF.REAC	TOTAL N	25C	TURB'ITY
YR MO DY LMT	MTRS BRG	MTRS	PJ		NUMBER	DEG.C	AS P	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	UMHO/CM AT 25 C	FTU
82 06 03 1335		0.3	1		34550	15.0	0.008	0.006	0.15	0.080	0.144	0.230	32.7	0.54
82 11 01		0.3	1		34565	5.0	0.002<T	0.022	0.16	0.035	0.138	0.195	32.7	0.57

TEST-NAME:					SSO4UR	ALKT	PH	FEUT	CUUT	PBUT	ZNUT	NIUT	RA226F	GACF
					SULPHATE	ALK		IRON	COPPER	LEAD	ZINC	NICKEL		GROSS
	STN	SAMP			UNF.REAC	TOTAL		UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	RADIUM	ALPHA CT
SAMP DTE HOUR	DIST STN	DEPTH			MG/L	MG/L		MG/L	MG/L	MG/L	MG/L	MG/L	226 FIL.	FILTERED
YR MO DY LMT	MTRS BRG	MTRS	PJ		AS SO4	AS CACO3	PH	AS FE	AS CU	AS PB	AS ZN	AS NI	MBQ/L	MBQ/L
82 06 03 1335		0.3	1		6.7	4.8	7.11	0.040	0.002	0.003<	0.005	0.001<	40<	84
82 11 01		0.3	1		6.5	7.1	6.85	0.020<T	0.002	0.003<	0.002	0.001<	40<	250

TEST-NAME:					GACP	GBCF	GBCP	UU233	UUUT
					GROSS	GROSS	GROSS		URANIUM
	STN	SAMP			ALPHA CT	BETA CT	BETA CT	URANIUM	UNF.TOT.
SAMP DTE HOUR	DIST STN	DEPTH			UNDISSOL	FILTERED	UNDISSOL	238	MG/L
YR MO DY LMT	MTRS BRG	MTRS	PJ		MBQ/L	MBQ/L	MBQ/L	UG/L	AS U
82 06 03 1335		0.3	1		40<	39	40<	3<	0.01 <W
82 11 01		0.3	1		40<	28	40<	4	0.001

B.O.W./ SITE: QUIRKE LAKE
SAMPLE POINT: SOUTH WEST OF STANROCK MINE 25 4
STATION TYPE: LAKE

STATIO ID: 14-0019-031-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0379400.0 5147075.0 4 REGION: 05 DISTANCE: 85.454

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURBIDITY FTU
82 06 03 1255			0.3	1	34551	15.0	0.010	0.620	3.40	1.450	2.730	4.850	430.0	0.75
82 11 01			0.3	1	34566	5.0	0.002<T	4.050	4.20	9.400	0.150	13.600	525.0	0.42

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03 1255			0.3	1	177.0	2.4	6.65	0.045	0.007	0.003<	0.011	0.005	75	870
82 11 01			0.3	1	168.7	7.9	6.72	0.020<T	0.012	0.011	0.011	0.006	90	1100

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 06 03 1255			0.3	1	94	560	120	12	0.01
82 11 01			0.3	1	110	580	140	16	0.019

B.O.W./ SITE: QUIRKE LAKE
SAMPLE POINT: NORTH EAST OF CAN MET MINE 25 7
STATION TYPE: LAKE

STATION ID: 14-0019-032-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0382650.0 5149100.0 4 REGION: 05 DISTANCE: 81.109

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
82 06 03 1315			0.3	1	34552	14.0	0.004	0.590	3.25	1.450	2.660	4.700	421.0	0.85
82 11 01			0.3	1	34567	5.0	0.001<W	3.650	3.90	9.400	0.250	13.300	504.0	0.38

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03 1315			0.3	1	168.0	5.1	6.69	0.040	0.007	0.008	0.013	0.005		
82 11 01			0.3	1	164.0	5.0	6.66	0.020<T	0.013	0.010	0.011	0.006	75	970

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 06 03 1315			0.3	1					0.01
82 11 01			0.3	1	77	570	75	9	0.018

B.O.W./ SITE: QUIRKE LAKE
SAMPLE POINT: SOUTH EAST CORNER 25 6
STATION TYPE: LAKE

STATION ID: 14-0019-033-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0382500.0 5147450.0 4 REGION: 05 DISTANCE: 83.040

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURBITY FTU
82 06 03 1325			0.3	1	34553	15.0	0.009	0.600	3.40	1.450	2.800	4.850	423.0	0.63
82 11 01			0.3	1	34563	5.0	0.003<W	3.700	3.95	9.250	0.250	13.200	514.0	0.43

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH PH	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. MBQ/L	GROSS ALPHA CT FILTERED MBQ/L
82 06 03 1325			0.3	1	169.0	3.6	6.68	0.045	0.007	0.009	0.011	0.005	90	400
82 11 01			0.3	1	168.3	6.7	6.65	0.020<T	0.010	0.011	0.011	0.006	50	940

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL MBQ/L	GROSS BETA CT FILTERED MBQ/L	GROSS BETA CT UNDISSOL MBQ/L	URANIUM 238 UG/L	URANIUM UNF.TOT. MG/L AS U
82 06 03 1325			0.3	1	100	530	150	3<	0.01
82 11 01			0.3	1	180	420	220	10	0.020

B.O.W./ SITE: QUIRKE LAKE
SAMPLE POINT: EAST OF DENISON MINE 25 2
STATION TYPE: LAKE

STATION ID: 14-0019-034-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0377800.0 5149100.0 4 REGION: 05 DISTANCE: 85.776

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKJR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
82 06 03	1305			0.3	1	34554	13.0	0.006	0.610	3.40	1.500	2.790	4.900	434.0	0.69
82 11 01					1	34569	6.0	0.004	4.000	4.15	9.800	0.150	13.950	526.0	0.34

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03	1305			0.3	1	173.0	3.8	6.63	0.040<T	0.007	0.007	0.011	0.005	91	440
82 11 01					1	167.2	7.9	6.79	0.020<T	0.011	0.012	0.010	0.005	70	920

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 06 03	1305			0.3	1	63	530	49	3<	0.01
82 11 01					1	130	640	120	12	0.018

B.O.W./ SITE: WHISKEY LAKE
SAMPLE POINT: SOUTH END NEAR RUM POINT 29 4
STATION TYPE: LAKE

STATION ID: 14-0019-035-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0396300.0 5140000.0 4 REGION: 0 DISTANCE: 59.383

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
82 06 03 1405			0.3	1	34555	15.0	0.005	1.690	1.30	1.100	0.110	2.900	323.0	0.76
82 11 01				1	34570	6.0	0.001<W	1.680	1.33	6.050	0.150	7.830	333.0	0.44

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SS04UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03 1405			0.3	1	128.0	2.6	6.07	0.035<T	0.005	0.003<	0.012	0.004	37	400
82 11 01				1	104.3	10.2	6.48	0.015<T	0.010	0.009	0.011	0.005	65	740

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUJT URANIUM UNF.TOT. MG/L AS U
82 06 03 1405			0.3	1	53	470	76	3<	0.01
82 11 01				1	52	450	51	7	0.011

B.O.W./ SITE: MCCABE LAKE
SAMPLE POINT: CENTRE OF LAKE 35 1
STATION TYPE: LAKE

STATIO ID: 14-0019-036-01

STORET CODE: 02
002
8040

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

LAT: LONG: U T M: 17 0379825.0 5142000.0 4 REGION: 05 DISTANCE: 69.522

TEST-NAME:					SAMPLE	FWTEMP	PPUT	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI	COND25	TURB
							PHOSPHOR	NH3-N TOTAL	K'DAHL N TOTAL	NO2+NO3N	KJELDAHL ORGANIC		CONDUCT. 25C	
SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	UNF.TOT. MG/L AS P	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	TOTAL N MG/L AS N	UMHO/CM AT 25 C	TURB'ITY FTU
82 06 03 1245			0.3	1	34556	16.0	0.010	0.100	0.28	0.330	0.180	0.610	289.0	1.19
82 11 01				1	34571	6.0	0.001<W	0.040	0.20	21.000	0.160	21.200	281.0	0.69

TEST-NAME:					SS04UR	ALKT	PH	FEUT	CUUT	PBUT	ZNUT	NIUT	RA226F	GACF
					SULPHATE	ALK		IRON	COPPER	LEAD	ZINC	NICKEL		GROSS
SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	UNF.REAC MG/L AS SO4	TOTAL MG/L AS CACO3	PH	UNF.TOT. MG/L AS FE	UNF.TOT. MG/L AS CU	UNF.TOT. MG/L AS PB	UNF.TOT. MG/L AS ZN	UNF.TOT. MG/L AS NI	RADIUM 226 FIL. MBQ/L	ALPHA CT FILTERED MBQ/L
82 06 03 1245			0.3	1	95.0	17.3	7.47	0.080	0.004	0.003<	0.002	0.001	230	450
82 11 01				1	76.2	17.8	7.45	0.030<T	0.038	0.006	0.002	0.001	240	630

TEST-NAME:					GACP	GBCF	GBCP	UU238	UUUT
					GROSS	GROSS	GROSS		URANIUM
SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ALPHA CT UNDISSOL MBQ/L	BETA CT FILTERED MBQ/L	BETA CT UNDISSOL MBQ/L	URANIUM 238 UG/L	UNF.TOT. MG/L AS U
82 06 03 1245			0.3	1	40<	230	40<	3<	0.01 <W
82 11 01				1	40<	360	40<	3<	0.002

B.O.W./ SITE: CAMP LAKE
SAMPLE POINT: AT SOUTH END 55 1
STATION TYPE: LAKE

STATION ID: 14-0019-037-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0388850.0 5120950.0 4 REGION: 05 DISTANCE: 16.737

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURBIDITY FTU
82 06 03	1125			0.3	1	34557	16.0	0.004	0.600	0.30	2.950	0.200	3.750	220.0	0.72
82 11 01					1	34572	5.0	0.005	0.430	0.37	2.800	0.440	3.670	217.0	0.77

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03	1125			0.3	1	75.0	4.5	6.59	0.030	0.004	0.003<	0.008	0.002	70	560
82 11 01					1	62.0	4.9	6.57	0.055	0.009	0.006	0.008	0.003	52	250

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 06 03	1125			0.3	1	40<	230	40<	5	0.01 <W
82 11 01					1	40<	240	40<	3<	0.002

B.O.W./ SITE: SERPENT HARBOUR
SAMPLE POINT: NEAR HOSPITAL POINT 08 2
STATION TYPE: LAKE

STATION ID: 14-0019-038-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0370700.0 5117275.0 4 REGION: 05

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
82 06 03 1102			0.3	1	34558	12.0	0.015	0.364	0.71	2.450	0.346	3.160	196.0	1.55
82 11 01				1	34573	6.0	0.004	0.004<T	0.21	1.150	0.206	1.360	163.0	1.43

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03 1102			0.3	1	66.5	6.9	6.75	0.100	0.007	0.005	0.007	0.004	60	260
82 11 01				1	29.1	33.1	7.54	0.085	0.005	0.003<	0.005	0.004	40<	170

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 06 03 1102			0.3	1	47	190	40	3<	0.01 <W
82 11 01				1		91	40<	40<	0.002

B.O.W./ SITE: MCCARTHY LAKE
SAMPLE POINT: AT WEST END 53 1
STATION TYPE: LAKE

STATION ID: 14-0019-039-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0385700.0 5131475.0 4 REGION: 05 DISTANCE: 40.876

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
82 06 03 1140			0.3	1	34559	17.0	0.015	0.274	0.52	1.200	0.246	1.720	179.0	1.10
82 11 01				1	34574	6.0	0.004	0.006	0.28	0.670	0.274	0.950	185.0	0.63

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03 1140			0.3	1	54.5	7.4	6.84	0.045	0.002	0.003<	0.003	0.002	40<	110
82 11 01				1	44.7	11.1	6.78	0.055	0.003	0.003	0.003	0.002	40<	130

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUJT URANIUM UNF.TOT. MG/L AS U
82 06 03 1140			0.3	1	40<	150	40<	3<	0.01 <W
82 11 01				1	40<	36	40<	3<	0.002

B.O.W./ SITE: MCCARTHY LAKE
SAMPLE POINT: AT SOUTH END 53 3
STATION TYPE: LAKE

STATION ID: 14-0019-040-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0388450.0 5129100.0 4 REGION: 05 DISTANCE: 36.692

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKJR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKJR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
82 06 03	1135			0.3	1	34560	15.0	0.010	0.690	0.88	3.050	0.190	3.930	226.0	0.89
82 11 01					1	34575	6.0	0.005	0.57	0.83	2.950	0.260	3.780	227.0	0.57

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03	1135			0.3	1	79.0	4.4	6.65	0.040<T	0.003	0.003<	0.008	0.003	72	460
82 11 01					1	64.8	5.4	6.68	0.045	0.006	0.005	0.006	0.003	50	370

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUJT URANIUM UNF.TOT. MG/L AS U
82 06 03	1135			0.3	1	40<	270	58	3	0.01 <W
82 11 01					1	40<	200	40<	4	0.003

B.O.W./ SITE: HOUGH LAKE
SAMPLE POINT: CENTRE OF LAKE
STATION TYPE: LAKE

STATION ID: 14-0019-041-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0385300.0 5140350.0 4 REGION: 05 DISTANCE: 56.808

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURBIDITY FTU
82 06 03 1155			0.3	1	34561	16.0	0.010	0.224	0.36	0.225	0.136	0.585	227.0	0.61
82 11 01				1	34576	6.0	0.001<T	0.188	0.340	0.220	0.152	0.560	253.0	0.89

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL NF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 06 03 1155			0.3	1	70.0	9.2	7.22	0.065	0.003	0.004	0.006	0.003	130	260
82 11 01				1	72.85	9.4	7.09	0.025<T	0.006	0.006	0.006	0.003	95	380

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 06 03 1155			0.3	1	40<	130	40<	3<	0.01 <W
82 11 01				1	40<	240	40<	3<	0.001

B.O.W./ SITE: NORTH NORDIC LAKE
SAMPLE POINT: AT EFFLUENT CANAL N 19
STATION TYPE: LAKE

STATION ID: 14-0019-043-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0377700.0 5137100.0 4 REGION: 05 DISTANCE: 72.097

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N
TEST-NAME:					SAMPLE	FWSTRC	FWTEMP	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI
82 01 28			0.3	1	31606			0.005	0.0010	9.600	10.10	7.450	0.500	17.550
82 02 28			0.3	1	31623			0.007	0.0020	9.900	59.00	7.250	49.100	66.250
82 08 27 0915			0.3	1	31763	8	16.0	0.004		8.050	8.20	6.250	0.150	14.450
82 09 28 0915			0.3	1	31781	8	14.0	0.006		8.600	9.20	6.100	0.600	15.300
82 10 29 0815			0.3	1	31816	8	9.0	0.003<T		8.100	8.400	5.500	0.300	13.900

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH PH	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:					RSP	COND25	TURB	SSO4UR	ALKT	PH	FEUT	ALUT	CUUT	PBUT
82 01 28			0.3	1	4.200	2190		1217.0	34	8.49	0.14	0.740	0.011	0.003<
82 02 28			0.3	1	1.400	2210.0			28.0	8.12	0.140	0.350	0.017	0.003<
82 08 27 0915			0.3	1		2150.0	0.54	1333.0	25.9	7.74				
82 09 28 0915			0.3	1		2150.0	7.10	1191.0	26.2	7.575				
82 10 29 0815			0.3	1		2120.0	2.80	1172.00		7.83				

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. MBQ/L	GROSS ALPHA CT FILTERED MBQ/L	GROSS ALPHA CT UNDISSOL MBQ/L	GROSS BETA CT FILTERED MBQ/L	GROSS BETA CT UNDISSOL MBQ/L	URANIUM 238 UG/L	URANIUM UNF.TOT. MG/L AS U	NO2-N FIL.REAC MG/L AS N
TEST-NAME:					ZNUT	NIUT	RA226F	GACF	GACP	GBCF	GBCP	UU238	UUUT	NNO2FR
82 01 28			0.3	1	0.009	0.005	37<	1369	37	851	111	20		0.600
82 02 28			0.3	1	0.005	0.004	40<	980	40<	680	35	17		0.550
82 08 27 0915			0.3	1			40<	1500	40<	700	40<	22		
82 09 28 0915			0.3	1			50	1800	60	1100	60	28		
82 10 29 0815			0.3	1			50	2300	40	680	90	41		

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L AS N	RESIDUE FILTERED MG/L	ARSENIC UNF.TOT. MG/L AS AS	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:					NNO3FR	NNTIFR	RSF	ASUT	MNUT
82 01 28			0.3	1	6.850	17.050	2108.0	0.004	0.280
82 02 28			0.3	1	6.700	17.150	2005.0	0.001<	0.238

B.O.W./ SITE: WESTNER LAKE
SAMPLE POINT: AT SKI CLUB ROAD N 15
STATION TYPE: LAKE

STATION ID: 14-0019-044-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0374975.0 5137700.0 4 REGION: 05 DISTANCE: 75.798

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PP04FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR O2+NO3N IL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82 01 28				0.3	1	31608			0.023	0.0010<	0.790	0.98	0.190	0.190	1.171
82 02 28				0.3	1	31630			0.018	0.0010	0.840	1.02	0.165	0.180	1.183
82 04 21	1130			0.3	1	31651			0.013		0.410	0.63	0.325	0.220	0.955
82 05 19	1400			0.3	1	31680	8	18.0	0.004		0.338		0.200		
82 06 22	1100			0.3	1	31708	8	15.0	0.038		0.018	0.50	0.155	0.482	0.655
82 07 27	1100			0.3	1	31738	8	23.0	0.015		0.122	0.48	0.130	0.358	0.610
82 08 27	1100			0.3	1	31771	8	14.0	0.010		0.080	0.39	0.175	0.310	0.565
82 09 28	1100			0.3	1	31784	8	13.0	0.007		0.232	0.38	0.085	0.148	0.465
82 10 29	1000			0.3	1	31819	8	8.0	0.003<		0.420	0.560	0.140	0.140	0.700
82 11 28	1100			0.3	1	31851	8	3.0	0.004		0.410	0.510	0.135	0.100	0.695
82 12 28	1000			0.3	1	31883	2		0.003<		0.460	0.510	0.245	0.050	0.755

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SS04UR SULPHATE UNF.REAC MG/L AS S04	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82 01 28				0.3	1	4.500	493		155.0	4	4.67	1.85	4.300	0.009	0.003<
82 02 28				0.3	1	5.7	515.0		137.0	1.0	4.78	1.740	3.300	0.007	0.003<
82 04 21	1130			0.3	1		281.0	4.90	59.0	1.7	4.335				
82 05 19	1400			0.3	1		540.0	0.78	99.0	1.2	5.080				
82 06 22	1100			0.3	1		639.0	1.17	96.0	5.2	6.420				
82 07 27	1100			0.3	1		659.0	12.60	61.0	6.9	6.75				
82 08 27	1100			0.3	1		703.0	4.30	59.3	15.7	6.98				
82 09 28	1100			0.3	1		434.0	2.20	113.9	0.8<	4.513				
82 10 29	1000			0.3	1		432.0	0.76	120.10		4.14				
82 11 28	1100			0.3	1		433.0	4.40	109.70		4.056				
82 12 28	1000			0.3	1		439.0	5.70	124.90		3.59				

(C O N T D)

B.O.W./ SITE: WESTNER LAKE
SAMPLE POINT: AT SKI CLUB ROAD # 15
STATION TYPE: LAKE

STATION ID: 14-0019-044-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0374975.0 5137700.0 4 REGION: 05 DISTANCE: 75.798

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 28				0.3	1	0.056	0.048	111	1554	111	592	37	9		0.0010<T
82 02 28				0.3	1	0.045	0.037	86	1100	96	580	48	6		0.0030
82 04 21	1130			0.3	1			40<	380	40	260	40	3<		
82 05 19	1400			0.3	1			110	440	40<	360	40<	3<		
82 06 22	1100			0.3	1			74	340	40<	280	40<	3<		
82 07 27	1100			0.3	1			41	250	66	320	44	3<		
82 08 27	1100			0.3	1			40<	120	80	120	40<	3<		
82 09 28	1100			0.3	1			50	520	50	500	40<	3<		
82 10 29	1000			0.3	1			130	1300	90	610	40<	8		
82 11 28	1100			0.3	1			60	1500	170	510	70	15		
82 12 28	1000			0.3	1			900	470	100	420	40<	3<	0.011	

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 28				0.3	1	0.190	0.981	325.0	0.001<	
82 02 28				0.3	1	0.160	1.003	318	0.001<	2.080

B.O.W./ SITE: WILLIAMS LAKE CREEK
SAMPLE POINT: AT DENISON MINE ACCESS ROAD D 3
STATION TYPE: RIVER

STATION ID: 14-0019-045-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0374500.0 5150200.0 4 REGION: 05 DISTANCE: 91.408

SAMP YR	DTE MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	O2+NO3N IL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N
82	01	29				0.3	1	31614			0.050	0.0020	8.900	10.80	9.200	1.900	20.000
82	02	27				0.3	1	31635			0.022	0.0020	9.050	21.50	9.150	12.450	37.200
82	04	23	1700			0.3	1	31656			0.008		1.350	1.75	1.400	0.400	3.150
82	05	20	1430			0.3	1	31689	8	18.0	0.015		0.540	4.00		3.460	
82	06	23	1330			0.3	1	31717	8	14.0	0.014		0.122	0.56	7.000	0.438	7.560
82	07	28	1330			0.3	1	31748	8	22.0	0.024		0.042	0.79	3.550	0.748	4.340
82	08	28	1330			0.3	1	31780	8	16.0	0.038		0.038	0.82	3.150	0.782	3.970
82	09	29	1330			0.3	1	31794	8	13.0	0.003<T		0.024	0.40	2.900	0.376	3.300
82	10	30	1230			0.3	1	31828	8	12.0	0.005		0.090	0.290	1.850	0.290	2.140
82	11	29	1330			0.3	1	31860	8	3.0	0.001<T		0.072	0.380	5.600	0.308	5.980
82	12	28	1000			0.3	1	31892	2		0.005		2.030	2.120	3.050	0.090	5.170

SAMP YR	DTE MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH PH	IRON UNF.TOT. MG/L AS FE	LUMINUM NF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
82	01	29				0.3	1	5.700	2590		492.0	254	11.55	0.17	0.190	0.027	0.003<
82	02	27				0.3	1	5.7	2605.0		523.0	233.0	11.33	0.110	0.170	0.026	0.006
82	04	23	1700			0.3	1		597.0	2.20	124.0	38.0	10.151				
82	05	20	1430			0.3	1		1210.0	1.06	323.0	27.3	8.590				
82	06	23	1330			0.3	1		1490.0	0.83	430.0	48.9	7.820				
82	07	28	1330			0.3	1		1680.0	1.54	438.0	106.8	8.15				
82	08	28	1330			0.3	1		1740.0	1.54	455.5	128.6	8.20				
82	09	29	1330			0.3	1		1080.0	0.44	281.6	41.8	7.851				
82	10	30	1230			0.3	1		713.0	0.58	171.50		8.85				
82	11	29	1330			0.3	1		786.0	0.24	249.10		7.873				
82	12	28	1000			0.3	1		667.0	1.05	198.00		10.32				

(C O N T D)

B.O.W./ SITE: WILLIAMS LAKE CREEK
SAMPLE POINT: AT DENISON MINE ACCESS ROAD D 3
STATION TYPE: RIVER

STATIO ID: 14-0019-045-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0374500.0 5150200.0 4 REGION: 05 DISTANCE: 91.408

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 29			0.3	1	0.006	0.007	222	629	37	666	74	3<		2.5000
82 02 27			0.3	1	0.008	0.005	150	510	74	730	79	4		9.050
82 04 23 1700			0.3	1			78	260	32	180	47	3		
82 05 20 1430			0.3	1			370	3500	30	2500	28	17		
82 06 23 1330			0.3	1			430	2800	40<	920	66	42		
82 07 28 1330			0.3	1			820	8100	320	2100	360	110		
82 08 28 1330			0.3	1			600	7100	1100	2700	900	91		
82 09 29 1330			0.3	1			80	870	30	230	50	12		
82 10 30 1230			0.3	1			160	1200	60	500	40<			
82 11 29 1330			0.3	1			100	870	210	310	160	15		
82 12 28 1000			0.3	1			640	170	2200	150	1100	3<	0.003	

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 29			0.3	1	6.700	18.100	1490.0	0.001<	0.012
82 02 27			0.3	1	6.650	24.750	1386	0.001<	0.016

B.O.W./ SITE: PRONTO DITCH
SAMPLE POINT: OUTLET BELOW PRONTO TREATMENT PLANT PR 4
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-046-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0367950.0 5117950.0 4 REGION: 05 DISTANCE: 1.770

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKJR K-JDAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKJR KJELDAHL ORGANIC INF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
82 07 26 1130			0.3	1	31732	8	24.0	0.006	0.048	0.18	0.040	0.132	0.220	912.0
82 08 26 1130			0.3	1	31765	8	17.0	0.003<T	0.064	0.24	0.010<T	0.176	0.250	863.0
82 09 27 1130			0.3	1	31778	9	18.0	0.007	0.460	0.67	0.015	0.210	0.685	1010.0
82 10 28 1030			0.3	1	31813	8	9.0	0.002<T	0.042	0.500	0.025	0.458	0.525	1100.0
82 11 27 1130			0.3	1	31845	8	3.0	0.002<T	0.202	0.410	0.240	0.208	0.650	819.0
82 12 27 1000			0.3	1	31877	2		0.007	0.002<T	0.240	0.280	0.238	0.520	398.0

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB TURBIDITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU233 URANIUM 238 UG/L
82 07 26 1130			0.3	1	1.57	428	21.4	7.95	45	600	100	220	93	8
82 08 26 1130			0.3	1	0.35	429.2	21.2	7.67	40<	1000	40<	410	40<	14
82 09 27 1130			0.3	1	10.10	547.3	16.2	7.810	130	1400	640	370	440	24
82 10 28 1030			0.3	1	3.50	474.50		10.55	40	440	60	260	40<	7
82 11 27 1130			0.3	1	0.73	374.20		7.411	50	550	100	150	80	10
82 12 27 1000			0.3	1	1.10	121.50		7.23						

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	UUUT URANIUM UNF.TOT. MG/L AS U
82 12 27 1000			0.3	1	0.004

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT QUIRKE LAKE OUTLET 26 1
STATION TYPE: RIVER FLOW GAUGE FED 02CD003

STATION ID: 14-0019-049-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0385725.0 5149050.0 4 REGION: 05 DISTANCE: 77.890

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
82 04 24 1500			0.3	1	31664			0.001<T	1.290	1.58	3.650	0.290	5.230	220.0
82 05 21 1300			0.3	1	31697	8	16.0	0.023	2.250	2.80	5.250	0.550	8.050	306.0
82 06 24 1200			0.3	1	31725	8	18.0	0.007	3.250	8.30	8.000	5.050	16.300	442.0
82 07 29 1200			0.3	1	31756	8	24.0	0.003	3.600	3.30	8.750	0.300	12.050	469.0
82 09 30 1200			0.3	1	31802	8	15.0	0.003<T	3.100	3.35	8.500	0.250	11.850	443.0
82 10 31 1100			0.3	1	31839	8	8.0	0.002<T	2.950		7.750			423.0
82 11 30 1700			0.3	1	31872	8	4.0	0.003<T	3.550	3.650	8.930	0.100	12.580	482.0
82 12 29 1000			0.3	1	31900	2		0.002<T			8.250			449.0

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURBIDITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L
82 04 24 1500			0.3	1	0.57	69.0	5.9	6.521	0.090	0.003	0.003<	0.016	0.002<	42
82 05 21 1300			0.3	1	2.90	115.0	4.4	6.630	0.080	0.003	0.003<	0.014	0.003	74
82 06 24 1200			0.3	1	0.44	157.0	3.4	6.550	0.055	0.014	0.003	0.016	0.004	83
82 07 29 1200			0.3	1	0.37	171.0	3.0	6.73	0.020	0.009	0.007	0.013	0.006	
82 09 30 1200			0.3	1	0.31	142.5	3.6	6.436	0.020<T	0.007	0.005	0.013	0.004	70
82 10 31 1100			0.3	1	0.44	148.20	5.6	6.95	0.030<T	0.009	0.008	0.011	0.004	90
82 11 30 1700			0.3	1	0.32	168.30	5.2	6.793	0.030<T	0.009	0.009	0.016	0.005	
82 12 29 1000			0.3	1	0.36			6.89		0.010	0.012	0.018	0.005	50

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	JUUT URANIUM UNF.TOT. MG/L AS U
82 04 24 1500			0.3	1	540	46	350	44	7	0.007
82 05 21 1300			0.3	1	690	100	450	120	8	0.012
82 06 24 1200			0.3	1	830	72	420	90	10	
82 07 29 1200			0.3	1						0.015
82 09 30 1200			0.3	1	1000	40<	630	40<	10	0.012
82 10 31 1100			0.3	1	890	40<	480	40<	11	0.012
82 11 30 1700			0.3	1						0.012
82 12 29 1000			0.3	1	250	70	250	90	3<	0.112

B.O.W./ SITE: QUIRKE MINE TAILINGS
SAMPLE POINT: TREATED QUIRKE TAILINGS EFFLUENT
STATION TYPE: LAKE

STATION ID: 14-0019-051-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0373100.0 5151650.0 4 REGION: 05 DISTANCE: 89.799

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N		NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N
82 01 30				0.3	1	31620			0.170	0.0430	10.900	119.00	1	8.000	108.100	240.600
82 02 26				0.3	1	31641			0.033	0.0030	128.000	32.00	1	8.000	96.000	159.950
82 04 23	1200			0.3	1	31661			0.003<T			110.00				
82 05 20	1500			0.3	1	31690	8	18.0	0.048			37.50		8.600		96.100
82 06 23	1430			0.3	1	31713	8	18.0	0.009		9.250	17.50		0.000	8.250	37.500
82 07 28	1430			0.3	1	31750	8	25.0	0.005		60.000	60.00		7.500	0.000	117.500
82 08 28	1430			0.3	1	31782	8	16.0	0.006			58.50				
82 09 29	1430			0.3	1	31796	8	14.0	0.003<T		62.500	69.0		5.000	6.500	134.000
82 10 30	1330			0.3	1	31829	8	8.0	0.005		55.500			0.000		
82 11 29	1430			0.3	1	31861	8	3.0	0.003<T		50.500	51.000	1	5.000	0.500	136.000
82 12 29	1000			0.3	1	31893	2	1.0	0.009		60.0	60.000		0.000	0.000	110.000

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
82 01 30				0.3	1	7.000	3850		1667.0	40	8.28	1.44	0.690	0.017	0.014
82 02 26				0.3	1	13.5	4180.0		2033.0	35.0	8.07	1.540	0.420	0.020	0.006
82 04 23	1200			0.3	1			4.10	1620.0	35.6	8.049	0.925		0.018	0.003<
82 05 20	1500			0.3	1		3370.0	19.10	1640.0	16.8	7.430	2.710		0.010	0.003<
82 06 23	1430			0.3	1		1130.0	1.37	526.0	19.8	7.390				
82 07 28	1430			0.3	1		2970.0	10.50	1380	5.8	6.93	1.495		0.022	0.021
82 08 28	1430			0.3	1		2960.0	34.00	2165.0	3.0	5.54	4.830		0.018	0.006
82 09 29	1430			0.3	1		3110.0	38.00	1514.0	2.3	4.537	10.100		0.046	0.003<
82 10 30	1330			0.3	1		2960.0	4.10	1381.00	56.2	8.78	2.000		0.028	0.011
82 11 29	1430			0.3	1		2570.0	3.20	1279.00	43.3	8.181	0.725		0.009	0.003<
82 12 29	1000			0.3	1		2530.0	6.00	1231.00	18.2	7.23	2.875		0.017	0.003<

(C O N T D)

B.O.W./ SITE: QUIRKE MINE TAILINGS
SAMPLE POINT: TREATED QUIRKE TAILINGS EFFLUENT
STATION TYPE: LAKE

STATIO ID: 14-0019-051-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0373100.0 5151650.0 4 REGION: 05 DISTANCE: 89.799

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNJT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 30				0.3	1	0.014	0.019	37	5550	5550	6290	2257	86		3.6000
82 02 26				0.3	1	0.004	0.014	40<	6000	6300	5700	2800	96		2.9500
82 04 23	1200			0.3	1	0.008	0.017	50	7800	3000	4200	1800	130	0.140	
82 05 20	1500			0.3	1	0.010	0.020	48	5300	3800	6400	1900	68	0.048	
82 06 23	1430			0.3	1			40<	6100	170	1500	560	100		
82 07 28	1430			0.3	1	0.025	0.051	43	2300	840	3400	500	32		
82 08 28	1430			0.3	1	0.050	0.100	40<	8800	2300	4400	2500	130	0.220	
82 09 29	1430			0.3	1	0.079	0.140	120	18000	880	6900	1800	290	0.300	
82 10 30	1330			0.3	1	0.003	0.019	780	8900	2600	3900	1900	150	0.130	
82 11 29	1430			0.3	1	0.003	0.007							0.115	
82 12 29	1000			0.3	1	0.008	0.044	890	6600	3400	3100	2600	110	0.076	

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 30				0.3	1	118.000	132.500	3205.0	0.001<	0.400
82 02 26				0.3	1	125.000	255.950	3238	0.001<	0.490

B.O.W./ SITE: MAY LAKE
SAMPLE POINT: SOUTH END OF MAY LAKE 33 3
STATION TYPE: LAKE

STATION ID: 14-0019-054-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0386200.0 5142375.0 4 REGION: 05 DISTANCE: 61.656

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURBIDITY FTU
82 05 03 1225			0.3	1	34562	17.0	0.007	0.266	0.45	0.225	0.184	0.675	275.0	0.75
82 11 01				1	34577	6.0	0.002<T	0.480	0.60	0.290	0.120	0.890	387.0	0.30

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL NF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L
82 05 03 1225			0.3	1	82.5	11.0	7.32	0.055	0.004	0.003<	0.006	0.002		
82 11 01				1	109.2	24.1	7.00	0.020<T	0.008	0.008	0.009	0.004	130	690

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 05 03 1225			0.3	1	40<	230	40<	19	0.01 <W
82 11 01				1	40	410	40<	3	0.002

B.O.W./ SITE: MAY LAKE
SAMPLE POINT: NORTH END OF MAY LAKE 33 1
STATION TYPE: LAKE

STATIO ID: 14-0019-055-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0385200.0 5144375.0 4 REGION: 05 DISTANCE: 64.372

TEST-NAME:						SAMPLE	FWTEMP	PPUT	NNHTFR	NNTKUR	NNOTFR	NNKUR	NNKI	COND25	TURB
								PHOSPHOR	NH3-N	K'DAHL N		KJELDAHL			
	STN		SAMP				WATER	UNF.TOT.	TOTAL	TOTAL	NO2+NO3N	ORGANIC		CONDUCT.	
SAMP DTE HOUR	DIST	STN	DEPTH			SAMPLE	TEMP	MG/L	FIL.REAC	FIL.TOT.	FIL.REAC	UNF.REAC	TOTAL N	25C	TURB'ITY
YR MO DY LMT	MTRS	BRG	MTRS	PJ		NUMBER	DEG.C	AS P	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	UMHO/CM AT 25 C	FTU
82 06 03 1235			0.3	1		34563	16.0	0.007	0.780	0.96	0.570	0.180	1.530	646.0	1.13
82 11 01				1		34578	6.0	0.001<T	0.920	1.06	0.595	0.140	1.655	841.0	0.58

TEST-NAME:						SSO4UR	ALKT	PH	FEUT	CUUT	PBUT	ZNUT	NIUT	RA226F	GACF
						SULPHATE	ALK		IRON	COPPER	LEAD	ZINC	NICKEL		GROSS
	STN		SAMP			UNF.REAC	TOTAL		UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	RADIUM	ALPHA CT
SAMP DTE HOUR	DIST	STN	DEPTH			MG/L	MG/L		MG/L	MG/L	MG/L	MG/L	MG/L	226 FIL.	FILTERED
YR MO DY LMT	MTRS	BRG	MTRS	PJ		AS SO4	AS CACO3	PH	AS FE	AS CU	AS PB	AS ZN	AS NI	MBQ/L	MBQ/L
82 06 03 1235			0.3	1		187.0	22.2	7.74	0.070	0.012	0.004	0.004	0.004	60	350
82 11 01				1		217.0		7.35	0.035<T	0.011	0.009	0.006	0.003	140	450

TEST-NAME:						GACP	GBCF	GBCP	UU238	UUUT
						GROSS	GROSS	GROSS		URANIUM
	STN		SAMP			ALPHA CT	BETA CT	BETA CT	URANIUM	UNF.TOT.
SAMP DTE HOUR	DIST	STN	DEPTH			UNDISSOL	FILTERED	UNDISSOL	238	MG/L
YR MO DY LMT	MTRS	BRG	MTRS	PJ		MBQ/L	MBQ/L	MBQ/L	UG/L	AS U
82 06 03 1235			0.3	1		40<	310	40<	3<	0.01 <W
82 11 01				1		94	470	51	3<	0.003

B.O.W./ SITE: PANEL CREEK
SAMPLE POINT: AT QUIRKE LAKE P11
STATION TYPE: RIVER

STATION ID: 14-0019-056-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0380900.0 5150900.0 4 REGION: 05 DISTANCE: 79.500

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR JELDAHL ORGANIC NF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
82 07 29	1300			0.3	1	31757	8	25.0	0.115	0.102	1.38	0.025	1.278	1.405	122.0
82 08 29	1300			0.3	1	31789	8	20.0	0.021	0.098	0.54	0.135	0.442	0.675	127.0
82 09 30	1300			0.3	1	31803	8	14.0	0.010	0.042	0.55	0.020	0.508	0.570	70.5
82 10 31	1200			0.3	1	31836	8	8.0	0.006	0.036	0.310	0.040	0.274	0.350	33.9
82 11 30	1300			0.3	1	31863	8	4.0	0.004	0.038	0.340	0.150	0.302	0.490	63.8
82 12 29	1000			0.3	1	31901	2	1.0	0.003<T	0.048	0.240	0.145	0.192	0.385	51.0

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT ILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L
82 07 29	1300			0.3	1	0.62	32.7	9.3	6.84	67	250	160	200	88	3<
82 08 29	1300			0.3	1	9.60	26.5	15.7	7.31	70	570	190	360	130	4
82 09 30	1300			0.3	1	1.82	15.3	5.1	6.425	120	450	170	240	90	3<
82 10 31	1200			0.3	1	1.95	25.47		6.63	160	930	140	210	70	11
82 11 30	1300			0.3	1	1.33	17.37		6.631	80	400	70	150	50	4
82 12 29	1000			0.3	1	0.83	13.42		6.67	40<	90	80	90	40<	3<

SAMP DTE YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	UUJT URANIUM UNF.TOT. MG/L AS U
82 12 29	1000			0.3	1	0.004

B.O.W./ SITE: ESTEN LAKE
SAMPLE POINT: CENTRAL PART OF ESTEN LAKE 49 1
STATION TYPE: LAKE

STATION ID: 14-0019-067-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0369400.0 5134250.0 4 REGION: 05 DISTANCE: 60.183

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
82 06 03 1350			0.3	1	34564	17.0	0.022	0.082	0.36	0.005<W	0.278	0.365	119.5	1.93
82 11 01				1	34579	6.0	0.019	0.056	0.34	0.085	0.284	0.425	129.0	0.97

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH PH	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. MBQ/L	GROSS ALPHA CT FILTERED MBQ/L
82 06 03 1350			0.3	1	27.5	10.4	7.38	0.020<T	0.001	0.003<	0.010	0.002	40<	560
82 11 01				1	26.1	12.1	7.14	0.035<T	0.002	0.004	0.003	0.001	40<	170

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL MBQ/L	GROSS BETA CT FILTERED MBQ/L	GROSS BETA CT UNDISSOL MBQ/L	URANIUM 238 UG/L	URANIUM UNF.TOT. MG/L AS U
82 06 03 1350			0.3	1	40<	64	40<	10	0.01 <W
82 11 01				1	40<	77	40<	3	0.001

B.O.W./ SITE: ORIENT LAKE OUTLET
SAMPLE POINT: AT LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 14-0019-070-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0383300.0 5145900.0 4 REGION: 05 DISTANCE: 85.400

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PP04FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82 01 28				0.3	1	31612			0.050	0.001<T	4.200	4.75	8.150	0.550	12.900
82 02 28				0.3	1	31633			0.023	0.001<T	4.700	4.60	8.000	0.100	12.595
82 04 22	1500			0.3	1	31654			0.008		1.700	2.00	1.650	0.300	3.650
82 05 20	1100			0.3	1	31685	8	21.0	0.020		2.700	3.63	6.500	0.930	10.130
82 06 23	1000			0.3	1	31713	8		0.007		1.420	1.60	6.250	0.180	7.850
82 07 27	1000			0.3	1	31743	8	20.0	0.012		1.080	1.27	7.300	0.190	8.570
82 08 28	1000			0.3	1	31775	8	20.0	0.003<T		0.700	0.82	4.550	0.120	5.370
82 09 29	1000			0.3	1	31789	8	13.0	0.015		1.040	1.12	7.000	0.080	8.120
82 10 30	0900			0.3	1	31823	8	8.0	0.002<T		2.750	3.000	6.000	0.250	9.000
82 11 29	1000			0.3	1	31355	8	4.0	0.002<T		2.80	3.200	4.400	0.400	7.600
82 12 28	1000			0.3	1	31387	2	1.0	0.004		4.7	4.700	6.000	0.000	10.700

SAMP YR MO DY	DTE HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SS04UR SULPHATE UNF.REAC MG/L AS SO4	AL<T ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82 01 28				0.3	1	20.0	3600		828.0	376	11.93	0.14	0.760	0.030	0.003<
82 02 28				0.3	1	19.900	3570		892.0	340	11.72	0.13	0.650	0.027	0.024
82 04 22	1500			0.3	1		1770.0	56.00	550.0	167.7	11.132	6.200		0.026	0.003<
82 05 20	1100			0.3	1		3210.0	28.00	970.0	81.2	11.170	3.365		0.012J	0.003<
82 06 23	1000			0.3	1		3150.0	2.10	1300.0	21.1	7.630	0.330		0.039	0.014
82 07 27	1000			0.3	1		3500.0	1.81	1570	18.9	7.87	0.245		0.034	0.003<
82 08 28	1000			0.3	1		2830.0	0.71	1065.0	20.4	7.70	0.370		0.017	0.004
82 09 29	1000			0.3	1		3120.0	44.00	1117.0	0.1<T	4.235	7.100		0.050	0.014
82 10 30	0900			0.3	1		2660.0	1.96	1053.00	27.4	8.04	0.160		0.028	0.004
82 11 29	1000			0.3	1		1980.0	1.30	878.80	14.0	7.799	0.220		0.033	0.008
82 12 28	1000			0.3	1		2160.0	22.00	960.50	67.0	10.85	1.260		0.030	0.003<

(C O N T D)

B.O.W./ SITE: ORIENT LAKE OUTLET
SAMPLE POINT: AT LAKE OUTLET
STATION TYPE: RIVER

STATIO ID: 14-0019-070-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0383300.0 5145900.0 4 REGION: 05 DISTANCE: 85.400

SAMP YR	MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82	01	28				0.3	1	0.003	0.004	37<	481	37<	222	37<	9		0.200
82	02	28				0.3	1	0.006	0.004	40<	720	40<	340	40<	9		0.195
82	04	22	1500			0.3	1	0.067	0.019	40<	230	870	150	340	3<	0.027	
82	05	20	1100			0.3	1	0.033U	0.010U	40<	180	230	320	150	3<	0.012	
82	06	23	1000			0.3	1	0.035	0.019	40<	2900	81	300	160	44		
82	07	27	1000			0.3	1	0.025	0.018	40<	1400	69	170	57	20	0.010	
82	08	28	1000			0.3	1	0.003	0.002	220	1600	50	480	40<	15	0.005	
82	09	29	1000			0.3	1	0.100	0.032	70	4400	1100	260	330	56	0.033	
82	10	30	0900			0.3	1	0.019	0.013	40<	2400	50	230	70	35	0.018	
82	11	29	1000			0.3	1	0.012	0.010	40<	1300	110	280	130	20	0.077	
82	12	28	1000			0.3	1	0.014	0.007							0.010	

SAMP YR	MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82	01	28				0.3	1	7.950	12.350	2444	0.001<	0.012
82	02	28				0.3	1	7.800	12.695	2336.0	0.001<	0.010

B.O.W./ SITE: PANEL MINE TAILINGS EFFLUENT
SAMPLE POINT: AT TAILINGS TREATMENT EFFLUENT
STATION TYPE: RIVER

STATION ID: 14-0019-071-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0381725.0 5152650.0 4 REGION: 05 DISTANCE: 80.000

SAMP YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PP04FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82 01 30				0.3	1	31619			0.092	0.011	2.450	2.90	14.000	0.450	16.880
82 02 26				0.3	1	31640			0.011	0.003	4.200	4.80	13.200	0.600	18.050
82 04 23	1830			0.3	1	31660			0.002<T		4.150	5.00	13.800	0.850	18.800
82 05 21	1130			0.3	1	31695	8	13.0	0.004		2.750	3.30	11.000	0.550	14.300
82 06 24	1000			0.3	1	31723	8	17.0	0.005		1.770	1.86	11.000	0.090	12.860
82 07 29	1000			0.3	1	31754	8	24.0	0.011		1.260	1.57	12.750	0.310	14.320
82 09 30	1000			0.3	1	31800	8	13.0	0.004		2.060	2.30	11.500	0.240	13.800
82 10 31	0900			0.3	1	31834	8	8.0	0.006		2.80	2.800	13.250	0.000	16.050
82 11 30	1000			0.3	1	31866	8	4.0	0.002<T		2.650	3.050	11.000	0.400	14.050
82 12 29	1000			0.3	1	31898	2	1.0	0.001<W		3.0	3.000	13.750	0.000	16.750

SAMP YR MO DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SS04UR SULPHATE UNF.REAC MG/L AS SO4	AL<T ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
82 01 30				0.3	1	3.0	2600		1314.0	15	7.07	0.20	0.340	0.019	0.003<
82 02 26				0.3	1	2.800	2790		1434.0	33	7.80	0.15	0.370	0.022	0.003<
82 04 23	1830			0.3	1			1.26	1200.0	28.2	7.616	0.090		0.020J	0.003<
82 05 21	1130			0.3	1		2010.0	0.83	996.0	23.7	8.010	0.040<T		0.006J	0.003<
82 06 24	1000			0.3	1		1930.0	0.56	376.0	23.1	7.860	0.030		0.007	0.003<
82 07 29	1000			0.3	1		2280.0	0.46	1320	19.8	7.56	0.075		0.016	0.021
82 09 30	1000			0.3	1		2050.0	1.06	893.0	14.9	7.373	0.090		0.016	0.013
82 10 31	0900			0.3	1		2300.0	0.94	980.00	14.1	7.34	0.030		0.024	0.003<
82 11 30	1000			0.3	1		2020.0	1.10	911.00	14.0	7.385	0.100		0.006	0.003<
82 12 29	1000			0.3	1		2250.0	0.60	1103.00	17.5	7.57	0.030		0.007	0.003<

(C O N T D)

B.O.W./ SITE: PANEL MINE TAILINGS EFFLUENT
SAMPLE POINT: AT TAILINGS TREATMENT EFFLUENT
STATION TYPE: RIVER

STATIO ID: 14-0019-071-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0381725.0 5152650.0 4 REGION: 05 DISTANCE: 80.000

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U	NNO2FR NO2-N FIL.REAC MG/L AS N
82 01 30			0.3	1	0.020	0.012	74	5920	3404	4070	1850	87		0.180
82 02 26			0.3	1	0.009	0.011	380	9200	1320	4600	910	120		2.850
82 04 23 1830			0.3	1	0.014U	0.013U	150	5100	380	4000	250	83	0.085	
82 05 21 1130			0.3	1	0.008U	0.005U	110	3300	270	3000	270	51	0.030	
82 06 24 1000			0.3	1	0.021	0.002<	68	1400	340	2600	320	18		
82 07 29 1000			0.3	1	0.008	0.004							0.013	
82 09 30 1000			0.3	1	0.004	0.004	50	1900	170	3400	90	25	0.018	
82 10 31 0900			0.3	1	0.004	0.007	120	7400	130	2500	150	65	0.054	
82 11 30 1000			0.3	1	0.003	0.005	200	750	460	720	220	7	0.033	
82 12 29 1000			0.3	1	0.004	0.005							0.048	

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L AS N	RSF RESIDUE FILTERED MG/L	ASUT ARSENIC UNF.TOT. MG/L AS AS	MNUT MANGANSE UNF.TOT. MG/L AS MN
82 01 30			0.3	1	13.800	16.430	2460	0.001<	0.460
82 02 26			0.3	1	10.400	17.450	2519.0	0.001<	0.370

B.O.W./ SITE: GRAVEL PIT LAKE OUTLET
SAMPLE POINT: AT NEW OUTLET
STATION TYPE: RIVER

STATION ID: 14-0019-072-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0370750.0 5152850.0 4 REGION: 05 DISTANCE: 93.017

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K-JDAHL N TOTAL UNF.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:					SAMPLE	FWSTRC	FWTEMP	PPUT						
82 07 28 1600			0.3	1	31751	8	23.0	0.010	0.052	0.28	0.030	0.228	0.310	49.8
82 08 28 1600			0.3	1	31783	8	17.0	0.008	0.066	0.29		0.224		56.3
82 09 29 1600			0.3	1	31797	8	14.0	0.008	0.092	0.36	0.200	0.268	0.560	55.7
82 10 30 1500			0.3	1	31831	8	8.0	0.010	0.094	0.525	0.185	0.431	0.710	44.6
82 11 29 1600			0.3	1	31863	8	3.0	0.007	0.326	0.390	0.340	0.064	0.730	40.3

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L
TEST-NAME:					TURB	SSO4UR	ALKT	PH	FEUT	CUUT	PBUT	ZNUT	NIUT	RA226F
82 07 28 1600			0.3	1	2.70	8.7	13.1	7.30	0.315	0.005	0.003	0.002	0.001	40<
82 08 28 1600			0.3	1	1.96	7.7	13.7	7.45	0.165	0.001	0.004	0.001	0.001<	40<
82 09 29 1600			0.3	1	2.20	8.0	9.3	7.090	0.315	0.004	0.003<	0.005	0.001<	40<
82 10 30 1500			0.3	1	1.32	7.79	9.1	6.83	0.730	0.001	0.003<	0.006	0.001<	40<
82 11 29 1600			0.3	1	2.00	6.78	8.3	7.048	1.150	0.002	0.003<	0.006	0.001<	40<

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
TEST-NAME:					GACF	GACP	GBCF	GBCP	UU238	UUUT
82 07 28 1600			0.3	1	230	40<	90	40<	3	0.001
82 08 28 1600			0.3	1	70	40	50	40<	4	0.001<
82 09 29 1600			0.3	1	200	40<	50	40<	3	0.001
82 10 30 1500			0.3	1	130	40<	40	40<	3	0.001
82 11 29 1600			0.3	1	320	40<	50	40<	6	0.001<

B.O.W./ SITE: EVANS LAKE OUTLET
SAMPLE POINT: AT NEW DIVERSION
STATION TYPE: RIVER

STATION ID: 14-0019-073-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

LAT: LONG: U T M: 17 0372200.0 5150050.0 4 REGION: 05 DISTANCE: 95.270

SAMP YR	DTE MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STRMC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
82	04	21	1400			0.3	1	31669			0.004	0.278	0.33	0.850	0.052	1.180	59.6
82	05	20	1300			0.3	1	31687	8	18.0	0.005	0.022	0.21	0.185	0.188	0.395	54.5
82	06	23	1200			0.3	1	31715	8	17.0	0.007	0.022	0.18	0.120	0.158	0.300	55.6
82	07	28	1200			0.3	1	31746	8	23.0	0.006	0.032	0.25	0.065	0.218	0.315	58.9
82	08	28	1200			0.3	1	31778	8	20.0	0.015	0.042	0.40	1.200	0.358	1.600	129.0
82	09	29	1200			0.3	1	31792	8	18.0	0.004	0.026	0.36	3.750	0.334	4.110	151.0
82	10	30	1100			0.3	1	31826	8	8.0	0.005	0.030	0.240	0.060	0.210	0.300	54.8
82	11	29	1200			0.3	1	31858	8	3.0	0.003<T	0.008	0.170	0.205	0.162	0.375	59.6
82	12	28	1000			0.3	1	31890	2		0.004	0.036	0.290	0.100	0.204	0.390	56.1

SAMP YR	DTE MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. MBQ/L
82	04	21	1400			0.3	1	1.06	8.2	16.3		0.100	0.002	0.003<	0.008	0.002<	40<
82	05	20	1300			0.3	1	1.54	6.0	17.8	7.640	0.065	0.001<	0.003<	0.004	0.002<	40<
82	06	23	1200			0.3	1	0.92	6.3	18.4	7.650	0.150	0.006	0.003<	0.005	0.001<	40<
82	07	28	1200			0.3	1	1.14	7.1	19.6	7.69	0.060	0.001<	0.003<	0.001<	0.001<	40<
82	08	28	1200			0.3	1	0.99	12.2	45.3	7.84	0.085	0.002	0.005	0.003	0.001<	40<
82	09	29	1200			0.3	1	0.61	11.8	44.7	7.923	0.070	0.009	0.003<	0.003	0.001<	40<
82	10	30	1100			0.3	1	0.82	6.26	19.5	7.62	0.060	0.001<	0.003<	0.001<	0.001<	40<
82	11	29	1200			0.3	1	0.85	6.26	21.5	7.677	0.075	0.003	0.003<	0.001	0.001<	40<
82	12	28	1000			0.3	1	0.78	7.05	17.8	7.09	0.055	0.001<	0.003<	0.001	0.002<	

SAMP YR	DTE MO	DY	HOUR LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU233 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82	04	21	1400			0.3	1	270	40<	32	40<	5	0.001<
82	05	20	1300			0.3	1	47	40<	37	40<	3<	0.001<
82	06	23	1200			0.3	1	130	40<	66	40<	3<	
82	07	28	1200			0.3	1	94	40<	72	40<	3<	0.001
82	08	28	1200			0.3	1	250<	40<	130<	40<	4<	0.001
82	09	29	1200			0.3	1	90	40<	90	40<	3<	0.001
82	10	30	1100			0.3	1	260	40<	60	40<	5	0.001
82	11	29	1200			0.3	1	150	40<	70	40	3	0.001<
82	12	28	1000			0.3	1						0.001

B.O.W./ SITE: ESTEN LAKE OUTLET
SAMPLE POINT: OUTLET OF ESTEN LAKE DIVERSION
STATION TYPE: RIVER

STATION ID: 14-0019-074-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
3040

LAT: LONG: U T M: 17 0375700.0 5133350.0 4 REGION: 05 DISTANCE: 65.498

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L AS N	NNKI TOTAL N MG/L AS N
82 05 19 1230			0.3	1	31679	8	18.0	0.083	0.0230	0.006	1.18	2.100	1.174	3.280
82 06 22 1000			0.3	1	31707	8	18.0	0.098	0.0160	0.440	1.35	4.400	0.910	5.750
82 07 27 1000			0.3	1	31737	8	24.0	0.052	0.0110	4.350	5.50	1.000	1.150	6.500
82 08 28 1000			0.3	1	31770	8	17.0	0.102	0.0340	0.340	1.15	7.500	0.810	8.650
82 09 29 1000			0.3	1	31783	8	14.0	0.080	0.0005<T	0.040	1.63	3.150	1.590	4.780
82 10 29 0900			0.3	1	31813	8	8.0	0.076	0.076	0.028	0.460	2.900	0.432	3.360
82 11 28 1000			0.3	1	31850	8	4.0	0.260	0.1850	0.004<T	0.450	3.500	0.446	3.950
82 12 28 1000			0.3	1	31882	2		0.037	0.0050<T	0.520	0.925	1.550	0.405	2.475

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	RA226F RADIUM 26 FIL. MBQ/L	GACF GROSS ALPHA CT FILTERED MBQ/L	GACP GROSS ALPHA CT UNDISSOL MBQ/L
82 05 19 1230			0.3	1	4.620	444.0	4.30	29.40	151.0	5.9	6.710	44	130	40<
82 06 22 1000			0.3	1	1.340	520.0	1.44	57.50	142.0	15.5	5.050	43	390	53
82 07 27 1000			0.3	1	1.830	548.0	1.68	62.00	134.0	30.9	7.66	54	190	40<
82 08 28 1000			0.3	1	8.060	545.0	2.40	63.50	116.7	2.5	5.16	40<	1200	40<
82 09 29 1000			0.3	1	10.700	465.0	3.10	34.00	142.3	10.7	7.187	40	330	40
82 10 29 0900			0.3	1	2.860	569.0	1.88	27.20	188.30		7.40	90	600	40
82 11 28 1000			0.3	1	10.800	568.0	1.40	25.60	216.70		7.173	90	1300	50
82 12 28 1000			0.3	1	3.030	591.0	2.00	20.10	244.50		6.89	70<	110<	70<

SAMP DTE HOUR YR MO DY LMT	STN DIST MTRS	STN BRG	SAMP DEPTH MTRS	PJ	GBCF GROSS BETA CT FILTERED MBQ/L	GBCP GROSS BETA CT UNDISSOL MBQ/L	UU238 URANIUM 238 UG/L	UUUT URANIUM UNF.TOT. MG/L AS U
82 05 19 1230			0.3	1	190	40<	3<	0.001<
82 06 22 1000			0.3	1	220	40<	6	
82 07 27 1000			0.3	1	230	40<	3<	0.002
82 08 28 1000			0.3	1	400	40<	17	0.002
82 09 29 1000			0.3	1	330	40	3<	0.002
82 10 29 0900			0.3	1	180	40<	8	0.003
82 11 28 1000			0.3	1	290	40<	21	0.002
82 12 28 1000			0.3	1	190<	40<	3<	0.001

RIO ALGOM LIMITED

RIO ALGOM LIMITED STATION: CL-4

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
12/01/82	0.25	7.20	3	19	<1	321			444.4	<.002	0.006	0.007	0.006	0.24	0.130	<.001	2.200									
10/02/82	0.12	6.70	2	20	<1	375	156		363.0	0.005	0.005	0.008	0.007	0.19	0.150	0.003	2.300		0.01	0.70	0.40	1.10		0.07	0.020	
04/03/82	0.11	7.00	4	22	90	324			556.0	<.002	0.003	0.011	0.007	1.20	0.250	0.009	2.700									
14/04/82	0.05	7.00	2	21	4	352			319.0	0.012	0.011	0.006	0.009	0.22	0.140	0.003	3.300									
28/04/82		6.37	4					163.0																		
04/05/82		9.75		36																						
11/05/82	0.44	9.35		28	1	374	144	278.0	315.0	<.001	<.001	0.011	0.008	0.30	0.061	0.004	2.800	75.0	0.06	1.00	0.80	1.90		0.02	0.036	38.00
18/05/82		7.45	2	23																						
07/06/82	0.26	8.95		27	3	321		322.2	370.4	0.008	0.004	0.007	0.010	0.19	0.062	0.005	1.900									
14/07/82		8.15	<1	25	<1	356		333.3	370.4	<.001	0.010	<.002	<.001	0.09	0.030	0.004	1.050									
13/08/82	0.02	7.90	2	28	<1	374	122		370.4	<.002	0.020	0.005	<.001	0.12	0.039	0.003	2.700		0.05	1.50	0.80	1.80			0.007	
16/09/82	0.01	7.30	2	24		410		407.4	444.4	<.002	0.025	0.005	0.007	0.59	0.073	0.006	3.400									
13/10/82	0.03	7.30	4	19	3	389		296.3	593.0	<.002	0.021	0.010	0.003	0.80	0.140	0.005	2.900							0.01		
20/10/82	0.0																									
10/11/82		7.10	3	15	4	397	206	222.2	296.3	<.004	0.006	0.006	0.010	0.78	0.130	0.004	3.400		0.04	1.20	0.70	2.30		0.01	0.007	
01/12/82		6.85	5	13	8	444		222.2	259.3	0.035	0.007	0.017	0.008	1.20	0.190	0.001	3.300							0.01		

RIO ALGOM LIMITED STATION: M-1

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
25/01/82		5.70	12	8		189			137.0					5.20	0.730											
22/02/82		6.20	16	8		196	75		111.1	<.002	0.028	0.023	0.026	4.50	0.860	0.007								0.0		
24/03/82		5.95	8	5		198			122.2					3.70	0.790											
26/04/82		4.22	19			77	34		181.5					1.50	0.230											
25/05/82		4.75	12	<1		295			119.0					2.20	0.390									0.0		
21/06/82		4.25	22			202	93		148.1					0.79	0.660											
26/07/82		3.80	36						296.3					0.49	1.150											
23/08/82		4.10	28			231	105		148.2	0.006	0.025	0.026	0.035	0.31	0.850	0.008										
08/09/82		4.55	24																							
15/09/82		3.40	52																							
20/09/82		3.18	50																							
27/09/82		4.05	24			161			148.2					0.88	0.350											
25/10/82		5.30	10	2		150	49		111.1					0.48	0.410											
22/11/82		4.50	12			130			111.1					1.10	0.240											
13/12/82		6.00	6	3		159	46		74.1					0.61	0.390											

RIO ALGOM LIMITED STATION: M-05

DATE	FWFLOW	FWPH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUU	PPUT	CLIDUR
00/01/82		6.50	2	8		34			74.1					0.15	0.041								0.8			
00/02/82		6.35	4	8		34			22.2					0.11	0.034								0.8			
00/03/82		6.40	1	9		37			37.0					0.12	0.036								2.5			
00/04/82		5.89	6	6		33			70.4					0.10	0.039								0.6			
00/05/82		6.80	3	7	1	26	8	55.6	88.9	0.002	0.003	0.001	0.001	0.07	0.038	0.005	0.720	4.8	0.01	0.50	0.60	1.80			0.01	0.20
00/06/82		6.70	2	8		31			37.0					0.09	0.027								0.8			
00/07/82		6.40	2	7		34			37.0					0.02	0.019								0.5			
00/08/82		6.70	2	8		31			37.0					0.11	0.031											
00/09/82		6.52	4	3		28			37.0					0.12	0.023								1.0			
00/10/82		6.35	4	4		34			37.0														1.2			
00/11/82		6.60	2	6	1	37	6	444.4	481.5	0.003	0.003	0.003	0.002	0.23	0.100	0.001	0.760	4.1	0.01	0.40	0.60	1.80	2.5	0	0.003	1.00
00/12/82		6.50	3	7		57			37.0					0.23	0.072								1.8			

RIO ALGOM LIMITED STATION: N-12

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUU	PPUT	CLIDUR
18/01/82		6.50				880			93.0																	
19/02/82		6.60				824			85.2																	
15/03/82		6.45				640			200.0																	
19/04/82		6.54				528			174.1																	
17/05/82		7.30	5	22	3	926	578	148.2	193.0	0.006	0.011	0.019	0.016	0.53	0.130	0.008	23.000	195.0	0.20	3.10	3.90	5.00			0.017	18.00
14/06/82		7.10				1341			159.3																	
19/07/82		6.90				1159			185.2																	
16/08/82		6.50				1333			185.2																	
20/09/82		6.94				1231			111.1																	
19/10/82		6.40				835			111.1																	
15/11/82		7.10				722			74.1																	
08/12/82		6.65				616			74.1																	

RIO ALGOM LIMITED STATION: N-13

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
18/01/82		6.10				39			48.2																	
19/02/82		6.05				39			56.0																	
15/03/82		6.20				41			74.1																	
19/04/82		5.97				52			44.4																	
17/05/82		6.25	2	6	2	37	13	63.0	89.0	<.002	0.018	0.007	<.001	0.93	0.150	0.005	0.850	5.2	<.01	0.50	0.60	1.70			0.017	<.20
14/06/82		5.90				185			137.0																	
19/07/82		6.40				63			74.1																	
16/08/82		6.45				104			74.1																	
20/09/82		6.82				40			74.1																	
18/10/82		6.20				42			37.0																	
15/11/82		7.10				37			37.0																	
08/12/82		6.30				34			37.0																	

RIO ALGOM LIMITED STATION: N-15

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
18/01/82		3.50	56			276			119.0																	
19/02/82		4.00	42			291			144.4																	
15/03/82		3.60	40			306			148.2																	
19/04/82		4.40	16			179			70.4																	
17/05/82		4.80	14	<1	1	325	97	111.1	156.0	<.002	0.038	0.027	0.029	0.32	0.590	0.007	3.200	27.0	<.01	0.40	0.90	2.00			<.003	76.00
14/06/82		5.45	4			353			119.0																	
19/07/82		6.20	2			378			37.0																	
16/08/82		6.40	4			387			37.0																	
20/09/82		6.83	4			312			37.0																	
18/10/82		4.40	20			265			148.2																	
15/11/82		3.75	32			207			111.1																	
08/12/82		3.60	34			240			111.1																	

RIO ALGOM LIMITED — STATION: N-19

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSD4UR	RA226F	RA226T	PBUT	INUT	NIUT	CDUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
05/01/82		8.50																								
12/01/82		8.45																								
18/01/82		8.50		35	1	1909	1273		63.0	0.014	0.011	0.013	0.014	0.06	0.230	0.011			0.80	8.00	8.70	9.90				
26/01/82		8.50																								
02/02/82		8.55																								
09/02/82		8.55																								
16/02/82		8.80		37	<1	1456	824		37.0	0.023	0.012	0.010	0.016	0.45	0.250	0.007			1.00	6.80	9.80	11.80		08		
23/02/82		8.75																								
02/03/82		8.65																								
09/03/82		8.55																								
15/03/82		8.70		37	<1	1965	1300		81.5	0.037	0.006	0.019	0.016	0.12	0.170	0.007			0.80	7.60	9.20	10.80				
24/03/82		8.70																								
30/03/82		8.70																								
07/04/82		7.10																								
13/04/82		9.50																								
19/04/82		8.44		17	4	980	57		300.0	0.014	0.002	0.018	0.003	1.00	0.310	0.007	33.000		1.02	2.61	2.91	3.69				
27/04/82		9.16																								
04/05/82		9.90																								
11/05/82		9.15																								
17/05/82		8.60		32	<1	1439	1032	74.1	107.4	0.022	0.004	0.009	0.015	0.11	0.063	0.007	36.000	331.0	0.40	4.40	7.00	8.40			0.063	18.00
21/05/82		8.55																								
25/05/82		8.50																								
08/06/82		8.40																								
14/06/82		8.30		5	1	1875	1197		70.4	0.018	0.003	0.012	0.013	0.20	0.110	0.010			0.40	5.90	7.30	8.80				
22/06/82		8.00																								
25/06/82		7.90																								
06/07/82		7.60																								
13/07/82		7.60																								
19/07/82		7.60	3	24	2	2013	1329		37.0	0.020	0.007	<.002	0.020	0.45	0.300	0.020			0.40	6.70	7.80	9.80				
27/07/82		7.50																								
09/08/82		7.21	2																							
16/08/82		7.70	4	25	1	2221	1266		37.0	<.002	0.007	0.021	0.015	0.47	0.270	0.009			0.60	6.30	8.00	9.80				
24/08/82		7.30																								
31/08/82		7.00																								
08/09/82		7.70																								
14/09/82		7.50																								
20/09/82		7.56	7	24	2	2061	1207		37.0	0.009	0.020	0.012	0.012	0.40	0.260	0.008			0.46	5.80	8.20	9.40				
26/09/82		7.30																								
05/10/82		7.30																								
13/10/82		6.80																								
18/10/82		7.70	6	30	3	1998	1357		37.0	0.021	0.004	0.019	0.026	0.32	0.240	0.006			0.50	5.60	9.50	12.30				
27/10/82		7.98																								
01/11/82		8.00																								
09/11/82		8.20																								
15/11/82		7.50	8	24	2	2045	1314		148.2	0.012	0.005	0.021	0.021	0.93	0.300	0.005			0.05	5.70	9.00	11.50				
23/11/82		6.55																								
30/11/82		7.30																								
08/12/82		7.60	14	25	5	1848	1351		74.1	0.079	0.078	0.100	0.180	0.71	0.380	0.050			0.40	5.00	9.20	12.60				
14/12/82		8.10																								
21/12/82		7.80																								
28/12/82		5.35																								

RIO ALGOM LIMITED STATION: P-1

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
27/01/82	0.57	6.30	3	5		28			22.2																	
01/02/82	0.48	6.45	3	6		37	8		37.0												0.04			0.01		
09/03/82	0.34	7.30	1	7		39			48.2																	
01/04/82	1.57	6.20	2	4		44			56.0																	
28/05/82	1.83	6.30	5	3	6	24	6		107.4		0.002	0.007	<.005	0.00	0.800	0.060	0.003	0.5	<16.00	0.01	0.40	0.04		0.0	0.030	<.20
28/06/82	0.27	6.45	2	4		33		74.1																		
14/07/82	0.18	6.30	2	3		34			37.0																	
18/08/82	0.06	6.50	2	5		33	7		37.0																	
23/09/82	3.48	6.56	4	4		41			74.1																	
29/10/82	0.12	5.63	6	3		33			148.2																	
24/11/82	3.91	6.10	6	3		22	2		74.1																	
06/12/82	3.20	6.20	9	2		43			37.0																	

RIO ALGOM LIMITED STATION: P-2

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
26/01/82	0.0	6.30	18	63		219			3815.0					1.90			3.800									
10/02/82	0.0	6.40	14	53		159			1667.0					4.50			3.800				0.29					
09/03/82	0.0	6.50	14	61		175			1519.0					15.00			4.100									
01/04/82	<.0	6.35	8	36		144			3333.3					9.90			3.300									
10/05/82	0.0	6.80	3	13	41	76	17	737.0	911.1	<.001	0.029	0.005	0.001	0.78	0.083	0.005	2.000	11.0	<.01	0.50	<.01	0.90			0.007	5.30
07/06/82	0.0	7.15	2	24		100			778.0					0.20			2.000									
12/07/82	0.0	7.75	2	22		114			778.0								2.200									
09/08/82	0.0	7.05	13	29		143			704.0					0.25			3.300									
13/09/82	0.0	6.70	4	34		131			1630.0					0.18			3.700									
12/10/82	0.0	6.80	5	21		84			519.0								2.200									
08/11/82	0.0	7.00	3	21		100	23		630.0	<.004	0.006	0.011	<.002	0.72	0.090	0.005	2.600									
06/12/82	0.0	6.60	7	14		82			778.0					0.08			2.300									

RIO ALGOM LIMITED — STATION: P-3

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSD4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUU	PPUT	CLIDUR
14/01/82	0.01	3.50	24			295			741.0	0.020	0.024	0.014	0.018	1.50	0.150	<.001	3.400									
10/02/82	0.0	3.60	26			464	152		519.0	0.010	0.017	0.016	0.020	2.00	0.170	0.006	3.600									
09/03/82	0.03	3.50	30			47			630.0	0.024	0.024	0.014	0.011	6.40	0.180	0.008	4.000									
01/04/82	0.03	4.30	30			217			293.0	0.008	0.020	0.008	0.009	7.70	0.110	0.005	2.500									
12/05/82	0.03	3.75	16		1	138	89	407.4	556.0	<.001	<.001	0.005	<.001	2.10	0.065	0.003	1.600	29.0	<.01	0.10	0.80	1.90			0.017	2.00
16/06/82	0.01	3.50	32			291			141.0	0.013	0.008	<.001	0.011	2.80	0.130	0.002	2.600									
28/07/82	0.01	3.60	18			345			1185.2	0.014	0.007	0.004	0.048	0.56	0.094	0.004	2.310									
11/08/82	0.0	3.60	16			322	257		1185.2								3.800									
28/09/82	0.0	4.00	12			293			704.0	0.011	0.014	0.007	0.007	0.18	0.085	0.003	3.100									
18/10/82	0.01	4.35	12			111			111.1	<.002	0.035	<.001	0.003	1.00	0.065	0.006	1.200									
10/11/82	0.01	5.20	8	1		125	64		333.3	<.004	0.023	0.006	0.010	0.65	0.074	<.001	1.300									
06/12/82	0.01	4.40	7			32			111.1	<.003	0.014	0.005	0.004	0.34	0.056	0.002	0.350									

RIO ALGOM LIMITED — STATION: P-5

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSD4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUU	PPUT	CLIDUR
10/02/82		5.65	12	9		55			48.2					4.10												
09/03/82		4.80	12			49			52.0					5.50												
12/04/82		6.30	4	3		112			22.2					0.20												
10/05/82		6.00	3	4	2	31	6	67.0	133.3	<.001	<.001	<.001	<.001	0.14	<.001	0.003	0.480	3.6	<.01	0.50	0.40	1.50			0.003	0.20
07/06/82		6.30	4	9		41			33.3					0.32												
12/07/82		6.45	4	8		30			37.0																	
09/08/82		5.85	15	20		96			37.0					7.50												
13/09/82		6.10	6	9		53			185.2					0.57												
12/10/82		5.80	4	4		33			37.0					0.27												
10/11/82		6.20	12	3		40			111.1					1.90												
06/12/82		5.40	7	4		34			37.0					0.60												

RIO ALGOM LIMITED STATION: P-11

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
11/01/82		6.60	3	4		82			130.0																	
10/02/82		6.20	2	3					152.0																	
08/03/82		3.50	24			136			370.4																	
09/03/82		5.60	9																							
12/04/82		6.00	4	2		87			126.0																	
10/05/82	0.09	6.00	2	2		46			107.4																	
07/06/82	0.04	5.60	3	2		75			315.0																	
12/07/82	0.02	6.79	4	6		77			148.2																	
09/08/82	0.01	6.45	6	14		112			111.1																	
13/09/82	0.01	4.70	8			121			481.5																	
12/10/82	0.02	5.80	4	3		58			111.1																	
08/11/82	0.03	6.35	6	2		59			148.2																	
06/12/82	0.02	5.90	4	2		39			74.1																	

RIO ALGOM LIMITED STATION: P-12

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
11/01/82		7.55	3	19		1642			444.4																	
10/02/82		6.70	5	9		2154			274.1																	
08/03/82		8.50		30		2289			593.0																	
12/04/82		7.55	4	25		889			426.0																	
10/05/82		7.60	2	24		1668			315.0																	
07/06/82		8.65		23		1638			159.3																	
12/07/82		7.76	2	21		1665			74.1																	
09/08/82		7.25	4	20		2027			37.0																	
13/09/82		7.20	4	19		2149			185.2																	
12/10/82		6.90	5	12		1913			37.0																	
08/11/82		7.20	4	13		2001			407.4																	
15/11/82		7.10	6	12		1873			259.3																	
06/12/82		7.40	4	11		1056			222.2																	

RIO ALGOM LIMITED STATION: P-14

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSD4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
01/01/82	0.08																									
02/01/82	0.08																									
03/01/82	0.08							156.0												10.00	4.60					
04/01/82	0.08																									
05/01/82	0.08	9.40		25	<1				889.0																	
06/01/82	0.08																									
07/01/82	0.08																									
08/01/82	0.08																									
09/01/82	0.08	9.05			2																					
10/01/82	0.08							89.0												11.00	4.60					
11/01/82	0.08																									
12/01/82	0.08	9.05			<1																					
13/01/82	0.08	9.22		22	<1				593.0																	
14/01/82	0.08	9.30			3																					
15/01/82	0.08																									
16/01/82	0.08																									
17/01/82	0.08					2293	1736	137.0		0.020	0.015	0.017	0.022	0.05	0.091	0.009	3.400			11.00	4.00			20	0.017	
18/01/82	0.07																									
19/01/82	0.07																									
20/01/82	0.08																									
21/01/82	0.07																									
22/01/82	0.07	8.50			3																					
23/01/82	0.07																									
24/01/82	0.07																									
25/01/82	0.07																									
26/01/82	0.08	7.15		11	3				926.0																	
27/01/82	0.08																									
28/01/82	0.08																									
29/01/82	0.08																									
30/01/82	0.08																									
31/01/82	0.08																									
01/02/82	0.08	5.70	10	3	4				1778.0																	
02/02/82	0.08	5.30			3																					
03/02/82	0.08	5.55			3																					
04/02/82	0.0																									
05/02/82	0.04																									
06/02/82	0.04	5.80			3																					
07/02/82	0.04							115.0												11.00	4.40					
08/02/82	0.0	5.90		5	2				630.0																	
09/02/82	0.08																									
10/02/82	0.08	6.25			2																					
11/02/82	0.08																									
12/02/82	0.08	5.90			4																					
13/02/82	0.08	6.50			<1																					
14/02/82	0.08					2296	1526	119.0		0.036	0.035	0.036	0.048	0.04	0.210	0.012	3.500			11.00	4.30			22	0.017	
15/02/82	0.08	6.95		11					815.0																	
16/02/82	0.08																									
17/02/82	0.0																									
18/02/82	0.04																									
19/02/82	0.08	7.75			<1																					
20/02/82	0.08	8.35			<1																					

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
21/02/82	0.08							119.0												11.00	5.00					
22/02/82	0.08	8.40		22					519.0																	
23/02/82	0.08																									
24/02/82	0.08	9.05			<1																					
25/02/82	0.08	9.10			1																					
26/02/82	0.08																									
27/02/82	0.08																									
28/02/82	0.08							70.4												11.00	4.90					
01/03/82	0.08	9.10		29	<1				1556.0																	
02/03/82	0.08	9.20			2																					
03/03/82	0.08																									
04/03/82	0.08																									
05/03/82	0.08	9.30			3																					
06/03/82	0.08	9.25			1																					
07/03/82	0.08	9.25			2			256.0												11.00	3.10					
08/03/82	0.08																									
09/03/82	0.08	9.15		32	1				778.0																	
10/03/82	0.08	9.40			1																					
11/03/82	0.08	9.00			1																					
12/03/82	0.08	8.15			4																					
13/03/82	0.08	8.95			1																					
14/03/82	0.08	9.25			2	2382	1442	137.0		0.028	0.008	0.028	0.030	0.10	0.170	0.011	3.200			12.00	4.30			0.2(	0.023	
15/03/82	0.02	9.25		33	2				407.4																	427.00
16/03/82	0.09	9.25			2																					
17/03/82	0.09	9.20			2																					
18/03/82	0.09	9.20			3																					
19/03/82	0.09	9.05			<1																					
20/03/82	0.09	9.00			2																					
21/03/82	0.09	9.05			1			126.0												12.00	4.00					
22/03/82	0.09	9.00		32	1				667.0																	
23/03/82	0.09	6.75			9																					
24/03/82	0.09	8.90			<1																					
25/03/82	0.09	8.90			<1																					
26/03/82	0.10																									
27/03/82	0.09																									
28/03/82	0.09							130.0												12.00	3.70					
29/03/82	0.09	9.30		33	2				407.4																	
30/03/82	0.09	9.40			1																					
31/03/82	0.10	9.25			1																					
01/04/82	0.10	9.20			<1																					
02/04/82	0.10	9.05			1																					
03/04/82	0.10	9.10			2																					
04/04/82	0.09	9.10			1			107.4												12.00	5.00					
05/04/82	0.0	9.00		30	2				2926.0																	
06/04/82	0.0	8.65			3																					
07/04/82	0.08	9.10			<1																					
08/04/82	0.10	9.05			1																					
09/04/82	0.11	9.00			1																					
10/04/82	0.10	9.05			2																					
11/04/82	0.11	9.00			7			70.4												14.50	4.40					
12/04/82	0.12	7.10		16	<1				852.0																	
13/04/82	0.12	7.45			6																					
14/04/82	0.12	8.40			2																					
15/04/82	0.12	8.80			2																					
16/04/82	0.12	9.01			4																					
17/04/82	0.13	8.64			5																					
18/04/82	0.13	8.99			2	2512	1379	104.0		0.037	0.011	0.026	0.012	0.22	0.120	0.014	2.500			18.60	4.30			0.2	0.033	

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UV	PPUT	CLIDUR
19/04/82	0.14	8.91		27	2				348.2																	
20/04/82	0.14	9.05			1																					
21/04/82	0.14	9.19			2																					
22/04/82	0.14	9.16			4																					
23/04/82	0.14	8.99			6																					
24/04/82	0.14	8.98			4																					
25/04/82	0.15	8.92			3			152.0												16.80	5.20					
26/04/82	0.16	9.09		29	<2				1500.0																	
27/04/82	0.16	9.08			3																					
28/04/82	0.16	9.05			<1																					
29/04/82	0.16																									
30/04/82	0.16	8.90			4																					
01/05/82	0.17	8.95			4																					
02/05/82	0.17	9.10			3			196.3												13.00	5.20					
03/05/82	0.17	9.00		28	3				652.0																	
04/05/82	0.17	9.20			2																					
05/05/82	0.17	9.00			3																					
06/05/82	0.17	9.00			<1																					
07/05/82	0.17	8.85			2																					
08/05/82	0.17	9.00			2																					
09/05/82	0.17	9.00			2			193.0												15.00	4.60					
10/05/82	0.17	9.00		29	2				852.0																	
11/05/82	0.17	8.90			2																					
12/05/82	0.17	9.00			2																					
13/05/82	0.17	9.00			2																					
14/05/82	0.17	9.10			2																					
15/05/82	0.17	9.05			2																					
16/05/82	0.16	9.05	3		1	2240	1175	56.0	481.5	0.038	0.008	0.030	0.035	0.08	0.078	0.011	1.800	417.0	9.10	12.00	4.10	5.20		.14	0.215	91.00
17/05/82	0.16	9.10		28	4				444.4																	
18/05/82	0.16	9.30			2																					
19/05/82	0.16	9.20			2																					
20/05/82	0.16	9.20			<1																					
21/05/82	0.16	9.10			2																					
22/05/82	0.16	9.10			3																					
23/05/82	0.16	9.20			1			89.0												11.00	4.20					
24/05/82	0.16	9.40		25					370.4																	
25/05/82	0.16	9.70			2																					
26/05/82	0.16	9.80			3																					
27/05/82	0.15	9.80			3																					
28/05/82	0.15	8.90			<1																					
29/05/82	0.15	9.30			1																					
30/05/82	0.15	9.65			<1			119.0												10.00	4.10					
31/05/82	0.14	9.50		25	<1				348.2																	
01/06/82	0.14	9.85			2																					
02/06/82	0.14	9.90			<1																					
03/06/82	0.14	10.10			<1																					
04/06/82	0.14	10.15			<1																					
05/06/82	0.14	10.50			<1																					
06/06/82	0.14	10.20			<1			81.5												9.00	5.50					
07/06/82	0.13	10.05		29	<1				474.1																	
08/06/82	0.13	9.65			3																					
09/06/82	0.13	10.00			<1																					
10/06/82	0.13	10.20			<1																					
11/06/82	0.13	10.20			2																					
12/06/82	0.13	10.25			1																					
13/06/82	0.13	10.30			1	1629	984	81.5		0.014	0.004	0.014	0.021	0.05	0.016	0.008	1.600			11.00	3.50			.09	<.003	
14/06/83	0.12	10.20			<1																					

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	CDUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
15/06/82	0.12	10.05			2				222.2																	
16/06/82	0.12	10.40			2																					
17/06/82	0.12	10.40			<1																					
18/06/82	0.12	10.25			1																					
19/06/82	0.12	10.30			2																					
20/06/82	0.11	10.30			1			74.1												10.00	3.60					
21/06/82	0.11	10.25		31	5				333.3																	
22/06/82	0.12	10.45			1																					
23/06/82	0.11	10.30			1																					
24/06/82	0.11	10.20			1																					
25/06/82	0.11	10.20			<1																					
26/06/82	0.11	10.20			8																					
27/06/82	0.11	10.20			<1			74.1												10.00	3.00					
28/06/82	0.10	10.00		27	3				630.0																	
29/06/82	0.10	10.15			3																					
30/06/82	0.10	9.80			1																					
01/07/82	0.10	10.20			1																					
02/07/82	0.10	9.65			2																					
03/07/82	0.10	10.00			1																					
04/07/82	0.10							37.0												11.00	2.90					
05/07/82	0.09	9.90		26	4				185.2																	
06/07/82	0.09	10.00			<1																					
07/07/82	0.09	9.95			2																					
08/07/82	0.09	9.62			3																					
09/07/82	0.09				1																					
10/07/82	0.09				1																					
11/07/82	0.09							111.1												12.00	7.90					
12/07/82	0.09																									
13/07/82	0.09	9.67			1																					
14/07/82	0.10	9.65			3																					
15/07/82	0.09																									
16/07/82	0.09	9.50			<1	1874	1095	74.1		0.020	0.040	<.002	0.020	0.19	0.030	0.020	1.400			12.00	3.60			3.0	0.098	
17/07/82	0.09	9.70			<1																					
18/07/82	0.09	9.70			1																					
19/07/82	0.09	9.65		23	<1				519.0																	
20/07/82	0.09	9.65			<1																					
21/07/82	0.09	9.55			<1																					
22/07/82	0.08	9.55			<1																					
23/07/82	0.08	9.50			<1																					
24/07/82	0.08	9.30			2																					
25/07/82	0.08	9.50			3			37.0												13.00	7.00					
26/07/82	0.07	9.35		16	5				111.1																	
27/07/82	0.07																									
28/07/82	0.07	9.35			4																					
29/07/82	0.07	9.80			2																					
30/07/82	0.06	9.15			4																					
31/07/82	0.06	9.50			7																					
01/08/82	0.06	9.75			7			74.1												13.10	3.40					
02/08/82	0.06																									
03/08/82	0.06	9.70		18	1				815.4																	
04/08/82	0.06	9.84			1																					
05/08/82	0.06	8.47			3																					
06/08/82	0.06	9.06			3																					
07/08/82	0.06	9.64			<1																					
08/08/82	0.06	9.73			1			185.2												12.10	2.30					
09/08/82	0.05	9.55		14	3				148.2																	
10/08/82	0.05	9.55			4																					

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSD4UR	RA226F	RA226T	PBUT	INUT	NIUT	CDUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNH3FR	NNTKUR	TURB	UU	PPUT	CLIDUR
11/08/82	0.04	9.65			2																					
12/08/82	0.04	9.75			3																					
13/08/82	0.04	9.75			2																					
14/08/82	0.04	9.50			3																					
15/08/82	0.04	9.70			3	2098	1082	37.0		0.012	0.005	0.006	0.007	0.04	0.021	0.003	1.200			13.00	2.90			10	0.007	
16/08/82	0.04	9.35		25	1				333.3																	
17/08/82	0.04	9.60			2																					
18/08/82	0.04																									
19/08/82	0.04																									
20/08/82	0.04	9.50			<1																					
21/08/82	0.04	9.50			<1																					
22/08/82	0.04	9.65			1			37.0												0.20	3.10					
23/08/82	0.04	9.40		19	1				222.2																	
24/08/82	0.04	9.50			<1																					
25/08/82	0.05	9.70			2																					
26/08/82	0.05	9.50			1																					
27/08/82	0.05	9.50			1																					
28/08/82	0.05	9.30			<1																					
29/08/82	0.05	9.50			3			37.0												13.00	2.80					
30/08/82	0.05	9.10		20	2				296.3																	
31/08/82	0.05	9.30			4																					
01/09/82	0.0	9.00			2																					
02/09/82	0.07	9.60			<1																					
03/09/82	0.07	9.10			1																					
04/09/82	0.07	9.40			1																					
05/09/82	0.07	9.40			<1			111.1												16.00	3.50					
06/09/82	0.07	9.40		17					148.2																	
07/09/82	0.07	9.10			4																					
08/09/82	0.07	9.35			1																					
09/09/82	0.07	9.55			1																					
10/09/82	0.07	9.20			2																					
11/09/82	0.07	9.60			3																					
12/09/82	0.07	9.55			2			111.1												15.00	3.60					
13/09/82	0.08	9.20		21	1																					
14/09/82	0.08	9.25			1																					
15/09/82	0.08	9.45			2																					
16/09/82	0.08	9.45			1																					
17/09/82	0.08	8.93			2																					
18/09/82	0.08	8.92			2																					
19/09/82	0.08	8.84			1	2223	1308	74.1		0.020	0.021	0.009	0.022	0.05	0.016	0.008	4.950			12.50	2.99			12	<.003	
20/09/82	0.08	9.27		24	2				185.2																	
21/09/82	0.08	9.44			1																					
22/09/82	0.09	9.53			1																					
23/09/82	0.09	3.20			2																					
24/09/82	0.09	9.34			2																					
25/09/82	0.10	9.07			2																					
26/09/82	0.10	9.02			3			37.0												13.00	4.10					
27/09/82	0.10	8.44			1																					
28/09/82	0.10	8.95		18	2				296.3																	
29/09/82	0.10	9.15			2																					
30/09/82	0.10	9.80			1																					
01/10/82	0.10	8.20			<1																					
02/10/82	0.10	8.75			<1																					
03/10/82	0.10	8.75			<1			111.1												13.00	4.00					
04/10/82	0.10	8.50		13	<1				148.2																	
05/10/82	0.10	8.40			<1																					
06/10/82	0.10	7.06			<1																					

DATE	FMFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
07/10/82	0.10	8.20			<1																					
08/10/82	0.10	6.00			2																					
09/10/82	0.11	7.60			<1																					
10/10/82	0.11	8.00			<1			111.1												13.00	19.00					
11/10/82	0.11	7.90		12	1				296.3																	
12/10/82	0.11	6.27			4																					
13/10/82	0.11	5.40			9																					
14/10/82	0.11	8.50			1																					
15/10/82	0.11	8.20			1																					
16/10/82	0.11	8.40			1																					
17/10/82	0.11	7.95			1	2225	1262	74.1		0.029	0.014	0.026	0.021	0.26	0.120	0.009	5.000			13.00	7.70			0.1	0.023	
18/10/82	0.11	8.10		15	2				519.0																	
19/10/82	0.11	8.50			1																					
20/10/82	0.12	7.40			1																					
21/10/82	0.12	8.40			1																					
22/10/82	0.12	8.20			2																					
23/10/82	0.13	8.60			2																					
24/10/82	0.13	8.75			1			111.1												13.00	3.80					
25/10/82	0.13	8.20		13					296.3																	
26/10/82	0.13	7.86			2																					
27/10/82	0.12	8.80			1																					
28/10/82	0.13	8.48			1																					
29/10/82	0.13																									
30/10/82	0.13																									
31/10/82	0.13							185.2												13.00	2.70					
01/11/82	0.12	8.50		16					259.3																	
02/11/82	0.12	8.65			2																					
03/11/82	0.12	8.95			1																					
04/11/82	0.12	8.95			1																					
05/11/82	0.12	8.92			2																					
06/11/82	0.12	9.00			3																					
07/11/82	0.12	9.05			3			407.4												13.00	3.90					
08/11/82	0.12	8.90		15	3				556.0																	
09/11/82	0.12	9.17			<1																					
10/11/82	0.12	9.15			2																					
11/11/82	0.12	9.30			2																					
12/11/82	0.12	9.20			1																					
13/11/82	0.12	9.30			1																					
14/11/82	0.12	9.30			1	2202	1267	185.2		0.015	0.006	0.023	0.019	0.04	0.046	0.009	5.500			12.00	4.00			0.1	<.003	
15/11/82	0.12	9.10		15	2				370.4																	
16/11/82	0.12	9.20			2																					
17/11/82	0.12	9.20			2																					
18/11/82	0.12	9.40			1																					
19/11/82	0.12	9.03			2																					
20/11/82	0.13	8.90			2																					
21/11/82	0.12	8.90			1			148.2												12.00	8.30					
22/11/82	0.12	9.10		15	1				407.4																	
23/11/82	0.13	9.30			<1																					
24/11/82	0.12	9.00			1																					
25/11/82	0.12	9.25			<1																					
26/11/82	0.12	9.10			11																					
27/11/82	0.12	9.15			5																					
28/11/82	0.13	9.15			3			185.2												12.00	3.70					
29/11/82	0.12	8.90		15	<1				778.0																	
30/11/82	0.12	8.85			2																					
01/12/82	0.12																									
02/12/82	0.12	9.07			1																					

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	CDUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
03/12/82	0.12	9.06			<1																					
04/12/82	0.12	9.00			<1																					
05/12/82	0.12	8.90			1			133.3												14.00	3.60					
06/12/82	0.13	9.20			1																					
07/12/82	0.13	8.80		16	<1				593.0																	
08/12/82	0.13	8.90			2																					
09/12/82	0.13	9.30			<1																					
10/12/82	0.13	9.00			2																					
11/12/82	0.13	9.30			8																					
12/12/82	0.13	9.00			6	2126	1171	111.1		0.025	0.012	0.024	0.022	0.08	0.046	0.001	5.700			12.00	4.20			10	<.003	
13/12/82	0.13	8.90		13	2				667.0																	
14/12/82	0.13	9.20			2																					
15/12/82	0.13	9.40			1																					
16/12/82	0.13	9.20			4																					
17/12/82	0.12	9.25			5																					
18/12/82	0.13	8.75			5																					
19/12/82	0.12	8.90			3			111.1												17.00	5.20					
20/12/82	0.12	8.90		12	<1				815.0																	
21/12/82	0.12	9.30			3																					
22/12/82	0.12	9.40			2																					
23/12/82	0.12	8.55			2																					
24/12/82	0.12	9.40			1																					
25/12/82	0.12	9.25			<1																					
26/12/82	0.12	9.40			2			111.1												10.00	1.40					
27/12/82	0.12	11.70		196	31				815.0																	
28/12/82	0.13																									
29/12/82	0.13	9.50			2																					
30/12/82	0.13	9.65			2																					
31/12/82	0.13																									

RIO ALGOM LIMITED STATION: PR-1

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
06/01/82	0.0	6.25																								
12/01/82	0.0	6.50	8	27		983			133.3	0.008	0.015	0.014	0.046	0.80	0.160	<.001										
26/01/82	0.0	6.35																								
04/02/82	<.0	6.60																								
09/02/82	<.0	6.85	8	52		937	577		107.4	0.012	0.012	0.012	0.040	2.80	0.380	0.019								0.08		
16/02/82	<.0	6.60																								
23/02/82	<.0	6.50																								
05/03/82	0.0	6.60																								
10/03/82	0.01	7.10	16	68		970			182.0	0.008	0.009	0.008	0.038	1.80	0.380	0.015										
17/03/82	0.0	6.50																								
26/03/82	0.06	6.40																								
31/03/82	0.17	5.60																								
02/04/82		5.60																								
06/04/82	0.25																									
13/04/82	0.30	7.35	1	23		372			33.3	0.008	0.011	0.004	0.011	0.34	0.059	0.027										
20/04/82	0.22	6.91	4																							
23/04/82	0.23																									
27/04/82	0.22	9.07																								
30/04/82	0.21																									
04/05/82	0.17	7.30																								
07/05/82	0.20																									
11/05/82	0.19	7.20	2	22	1	456	274	59.3	107.4	0.010	<.001	<.001	0.005	0.12	<.001	0.005	4.900	113.0	0.04	0.50	0.40	1.20		0.04	0.003	13.00
14/05/82	0.17																									
18/05/82	0.17	7.00																								
21/05/82	0.12	7.10																								
25/05/82	0.14	7.10																								
28/05/82	0.10																									
31/05/82	0.09																									
03/06/82	0.09																									
08/06/82	0.08	7.00	2	27		526			74.1	<.002	0.006	<.001	0.010	0.19	0.021	0.012										
11/06/82	0.07																									
15/06/82	0.07	6.80																								
18/06/82	0.05																									
22/06/82	0.13	6.80																								
25/06/82	0.02																									
29/06/82		6.90																								
06/07/82	0.0	7.10																								
13/07/82	0.0	7.50	4	63		524			37.0	0.030	0.030	0.006	0.006	0.15	0.080	0.008										
20/07/82	0.0	7.20																								
27/07/82	0.0	7.30																								
05/08/82	0.0	6.84	10																							
10/08/82	0.0	7.40																								
17/08/82	0.0	7.30																								
24/08/82	0.0	7.15																								
31/08/82	0.0	6.80																								
08/09/82	0.0	6.60																								
14/09/82	0.01	6.90	2	41		353			111.1	<.002	0.004	<.001	<.001	0.30	0.025	0.017										
20/09/82	0.0	6.02	6																							
24/09/82	0.08																									
28/09/82	0.09																									
30/09/82	0.09	7.05																								

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UV	PPUT	CLIDUR
05/10/82	0.07	6.70																								
07/10/82	0.10																									
13/10/82	0.14	7.10	4	22		724			111.1	0.012	0.004	0.012	0.021	0.46	0.034	0.120										
15/10/82	0.14																									
19/10/82	0.12	6.30																								
21/10/82	0.15																									
27/10/82	0.13	6.65																								
28/10/82	0.12																									
02/11/82	0.13	7.40																								
05/11/82	0.13																									
09/11/82	0.09	7.30	5	21		748	490		111.1	0.009	0.034	0.004	0.007	0.89	0.026	0.012										
11/11/82	0.11																									
16/11/82	0.12	6.90																								
18/11/82	0.14																									
23/11/82	0.14	7.00																								
25/11/82	0.15																									
30/11/82	0.14	6.93																								
02/12/82	0.12																									
07/12/82	0.22	6.30	2	11		524			74.1	0.027	0.004	0.012	0.011	0.23	0.019	0.003										
09/12/82	0.15																									
14/12/82	0.13	7.60																								
16/12/82	0.11																									
21/12/82	0.09	6.90																								
29/12/82	0.10	6.10																								

RIO ALGOM LIMITED STATION: PR-4

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	CDUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
01/04/82		6.75			22				126.0																	
05/04/82		6.20			3			44.4	70.4																	
13/04/82		5.65			43			22.2	141.0	0.005	0.034	0.036	0.022	12.00	0.390	0.240										
20/04/82		7.89			<1			70.4	107.4																	
27/04/82		11.02			6			82.0	107.4																	
04/05/82		10.60			6			59.3	82.0																	
11/05/82		10.80		45	6	459	271	74.1	107.4	<.001	<.001	0.004	0.005	0.08	<.001	0.005	4.100	125.0	<.01	0.20	0.70	1.80			0.007	8.00
18/05/82		10.50			3			63.0	96.3																	
26/05/82		10.10			2			78.0	141.0																	
31/05/82		7.00			4			130.0	185.2																	
03/06/82		7.80	1																							
08/06/82		10.15			1			70.4	96.3	<.002	0.003	0.004	0.013	0.25	0.025	0.014										
15/06/82		8.95			2			93.0	130.0																	
22/06/82		10.20			<1			74.1	111.1																	
28/09/82		8.80			5			74.1	111.1	0.002	0.009	0.013	0.039	1.06	0.078	0.040										
30/09/82		6.70																								
05/10/82		8.80			2			74.1	74.1																	
13/10/82		7.90			2	923		111.1	111.1	0.016	0.008	0.017	0.059	0.29	0.170	0.025										
19/10/82		8.15			2			111.1	111.1																	
27/10/82		11.10			4			74.1	185.2																	
02/11/82		10.50			3			74.1	185.2																	
09/11/82		10.70			4			148.2	185.2	<.004	0.002	0.004	0.009	0.15	0.009	0.009										
16/11/82		9.95			2			148.2	185.2																	
23/11/82		7.40			4			74.1	148.2																	
30/11/82		10.20			2			111.1	148.2																	
07/12/82		9.00			2			148.2	222.2																	
14/12/82		3.15			2			111.1	222.2	0.012	0.052	0.038	0.009	7.40	1.400	0.240										
16/12/82		11.20																								
21/12/82		3.15			13			185.2	222.2																	
23/12/82		3.40																								

RIO ALGOM LIMITED — STATION: Q-3

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226I	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
01/01/82	0.27																									
02/01/82	0.28																									
03/01/82	0.28																									
04/01/82	0.28	8.75			12				6630.0																	
05/01/82	0.28	8.75			14																					
06/01/82	0.27	8.80			8																					
07/01/82	0.27	8.75			10																					
08/01/82	0.27	8.80		69	14			407.4											6.20	121.00	86.20	87.60				<.007
09/01/82	0.27																									
10/01/82	0.27																									
11/01/82	0.27	8.80			19																					
12/01/82	0.27	8.95			14																					
13/01/82	0.26	8.90			15																					
14/01/82	0.26	8.90			12																					
15/01/82	0.26	8.75		67	16			230.0											6.20	127.00	88.20	89.60				0.040
16/01/82	0.26																									
17/01/82	0.26																									
18/01/82	0.26	8.90			16				3519.0																	
19/01/82	0.26	8.80			15																					
20/01/82	0.26	8.90			8																					
21/01/82	0.26	8.80			10																					
22/01/82	0.26	8.65		65	9	3105	1782	370.4		0.006	0.011	0.029	0.032	1.00	0.210	0.016	9.800		6.10	119.00	95.20	98.80		.21		<.007
23/01/82	0.26																									
24/01/82	0.26																									
25/01/82	0.26	8.75			14																					
26/01/82	0.26	8.70			12																					
27/01/82	0.26	8.60			11																					
28/01/82	0.26	8.45			10																					
29/01/82	0.26	8.35		37	8			270.4											6.10	104.00	91.00	93.80				0.007
30/01/82	0.26																									
31/01/82	0.26																									
01/02/82	0.25	8.15			16				3407.4																	
02/02/82	0.24	8.20			10																					
03/02/82	0.24	8.03			7																					
04/02/82	0.24	8.10			9																					
05/02/82	0.23	8.00		29	10			144.4											6.00	117.00	92.40	93.80				0.020
06/02/82	0.23																									
07/02/82	0.23																									
08/02/82	0.23																									
09/02/82	0.23	8.15			9																					
10/02/82	0.24	8.10			8																					
11/02/82	0.24	7.90			9																					
12/02/82	0.24	8.15		30	6			215.0											5.90	110.00	94.40	95.50				0.013
13/02/82	0.24																									
14/02/82	0.24																									
15/02/82	0.24	8.25			4				2556.0																	
16/02/82	0.26	8.35			5																					
17/02/82	0.26	8.40			5																					
18/02/82	0.26	8.30			5																					
19/02/82	0.26	8.30		39	4	2958	1752	137.0		0.047	0.009	0.037	0.035	0.79	0.200	0.016	10.000		6.00	119.00	97.20	99.40		.19		0.030
20/02/82	0.26																									

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
21/02/82	0.26																									
22/02/82	0.26	8.45			6																					
23/02/82	0.26	8.40			6																					
24/02/82	0.26	8.50			6																					
25/02/82	0.26	8.55			5																					
26/02/82	0.26	8.40		43	7			170.4											6.10	114.00	94.90	96.60			0.017	
27/02/82	0.26																									
28/02/82	0.26																									
01/03/82	0.26	8.40			5				2519.0																	
02/03/82	0.26	8.00			5																					
03/03/82	0.26	8.40			6																					
04/03/82	0.25	8.30			4																					
05/03/82	0.21	7.90		31	8			126.0											4.80	113.00	96.30	98.00			0.017	
06/03/82	0.19																									
07/03/82	0.17																									
08/03/82	0.16	6.90			6																					
09/03/82	0.16	6.80			7																					
10/03/82	0.16	8.65			8																					
11/03/82	0.19	7.45			8																					
12/03/82	0.19	8.70		58	7			115.0											4.40	103.00	94.60	96.30			<.007	
13/03/82	0.21																									
14/03/82	0.23																									
15/03/82	0.25	8.60			8				2444.4																	
16/03/82	0.26	8.00			8																					
17/03/82	0.26	8.95			6																					
18/03/82	0.26	9.00			4																					
19/03/82	0.26	8.55		46	6	3253	1720	119.0		0.044	0.010	0.035	0.032	1.40	0.250	0.014	34.000		4.80	111.00	105.80	107.5		0.25	<.007	
20/03/82	0.26																									
21/03/82	0.27																									
22/03/82	0.27	8.25			6																					
23/03/82	0.27	7.80			8																					
24/03/82	0.28	6.90			7																					
25/03/82	0.29	8.45			5																					
26/03/82	0.28	8.40		39	5			115.0											4.80	107.00	108.90	111.7			<.066	
27/03/82	0.28																									
28/03/82	0.28																									
29/03/82	0.28	8.25			6																					
30/03/82	0.28	8.45			4																					
31/03/82	0.31	6.80			6																					
01/04/82	0.34	7.10			5																					
02/04/82	0.38	7.80		19	5			182.0											4.30	99.00	100.50	103.90			<.007	
03/04/82	0.39																									
04/04/82	0.40																									
05/04/82	0.42	8.65			6				3889.0																	
06/04/82	0.42	8.80			3																					
07/04/82	0.43	6.70			5																					
08/04/82	0.47	8.60		38	4			193.0											4.00	98.20	91.00	93.80			0.003	
09/04/82	0.43																									
10/04/82	0.40																									
11/04/82	0.37																									
12/04/82	0.33	9.60			6																					
13/04/82	0.41	8.80			3																					
14/04/82	0.44	8.50			3																					
15/04/82	0.44	7.80			4																					
16/04/82	0.46							74.1												60.10	62.80	66.30			0.007	
17/04/82	0.46																									
18/04/82	0.46																									

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	JT	PPUT	CLIDUR
19/04/82	0.46	5.55			10				6556.0																	
20/04/82	0.46	7.35																								
21/04/82	0.46	8.47			4																					
22/04/82	0.46	8.48			3																					
23/04/82	0.45	8.42		31	4	2469	1499	122.2		0.032	0.013	0.042	0.016	2.10	0.250	0.022	7.200		4.15	89.10	58.50	60.50		).34	0.010	
24/04/82	0.45																									
25/04/82	0.46																									
26/04/82	0.46	7.80			4																					
27/04/82	0.46	7.35			6																					
28/04/82	0.46	8.00			9																					
29/04/82	0.46	8.18			5																					
30/04/82	0.47	6.85		5	8			100.0											3.80	88.00	60.70	63.50			0.007	
01/05/82	0.47																									
02/05/82	0.47																									
03/05/82	0.46	5.85			11				3148.2																	
04/05/82	0.46	8.20			6																					
05/05/82	0.46	8.65			5																					
06/05/82	0.46	8.90			6																					
07/05/82	0.46	8.81		59	4			133.3											3.14	64.00	75.00	80.90				
08/05/82	0.44																									
09/05/82	0.42																									
10/05/82	0.41	8.10			7																					
11/05/82	0.41	8.20			7																					
12/05/82	0.41	8.40			6																					
13/05/82	0.41	8.20			4																					
14/05/82	0.39	7.40		20	9			59.3											3.70	71.00	73.60	75.80			0.010	
15/05/82	0.39																									
16/05/82	0.38																									
17/05/82	0.37	7.20			6				1815.0																	
18/05/82	0.36	8.50			6																					
19/05/82	0.34	7.95			5																					
20/05/82	0.34	7.65			4																					
21/05/82	0.34	7.10	14	17	5	2488	1690	115.0	1630.0	0.028	0.020	0.040	0.036	1.20	0.220	0.018	20.000	552.0	2.20	51.00	78.40	80.40		).20	<.003	24.00
22/05/82	0.34																									
23/05/82	0.34																									
24/05/82	0.33																									
25/05/82	0.33	6.85			5																					
26/05/82	0.33	7.00			5																					
27/05/82	0.33	6.70			4																					
28/05/82	0.31	8.55		49	6			122.2											3.40	71.00	74.50	77.00			0.013	
29/05/82	0.30																									
30/05/82	0.30																									
31/05/82	0.29	7.75			3																					
01/06/82	0.30	7.65			4																					
02/06/82	0.27	7.05			4																					
03/06/82	0.09	7.70			3																					
04/06/82	0.25	7.35		22	3			115.0											3.70	68.00	69.20	71.20			0.017	
05/06/82	0.25																									
06/06/82	0.25																									
07/06/82	0.25	8.75			2				593.0																	
08/06/82	0.22	8.70			2																					
09/06/82	0.21	8.60			2																					
10/06/82	0.20	8.75			2																					
11/06/82	0.19	8.85		63	2			37.0											4.20	71.00	65.20	67.40			<.003	
12/06/82	0.17																									
13/06/82	0.15																									
14/06/82	0.14	8.60			4																					

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
15/06/82	0.12	8.65			2																					
16/06/82	0.11	8.85			2																					
17/06/82	0.14	9.15			2																					
18/06/82	0.03	9.20		90	3	2676	1584	37.0		0.032	0.015	0.026	0.025	0.60	0.140	0.016	7.300		4.20	66.00	61.30	63.50		0.28		0.013
19/06/82	0.03																									
20/06/82	0.04																									
21/06/82	0.04	8.75			3				148.2																	
22/06/82	0.12	7.60			4																					
23/06/82	0.09	7.45			3																					
24/06/82	0.09	7.40			2																					
25/06/82	0.09	7.20		17	2			37.0											0.25	48.00	42.30	44.50				0.007
26/06/82	0.11																									
27/06/82	0.12																									
28/06/82	0.13	7.10			2																					
29/06/82	0.14	8.10			2																					
30/06/82	0.14	8.10																								
01/07/82	0.14	7.10		13	3			37.0											1.00	33.00	28.30	30.50				0.007
02/07/82	0.15																									
03/07/82	0.15																									
04/07/82	0.15																									
05/07/82	0.16	3.95			1				407.4																	
06/07/82	0.16	4.24			2																					
07/07/82	0.17	6.30		4	3																					
08/07/82	0.17	8.60		28	3																					
09/07/82	0.16	8.51		29	2			37.0											2.03	43.70	34.20	37.60				0.010
10/07/82	0.17																									
11/07/82	0.18																									
12/07/82	0.19	8.51		20	2																					
13/07/82	0.21	8.35		24	2																					
14/07/82	0.25	8.30		25	2																					
15/07/82	0.24	8.27		25																						
16/07/82	0.26	8.27		26	2			148.2											0.11	18.60	41.30	44.10				0.010
17/07/82	0.25																									
18/07/82	0.25																									
19/07/82	0.25	6.50		6	2				259.3																	
20/07/82	0.24	7.10		9	2																					
21/07/82	0.23	8.00		19	1																					
22/07/82	0.22	8.15		24	1																					
23/07/82	0.21	7.80		18	2	2418	1489	74.1		0.036	0.020	0.076	0.286	0.56	0.910	0.011	8.780		1.30	54.00	52.10	54.90		0.3		0.043
24/07/82	0.20																									
25/07/82	0.20																									
26/07/82	0.19	6.65		6	3																					
27/07/82	0.17	6.75		6	3																					
28/07/82	0.14	8.20		23	2																					
29/07/82	0.13	8.50		37	2																					
30/07/82	0.14							74.1												56.00	51.80	54.00				<.007
31/07/82	0.14																									
01/08/82	0.13																									
02/08/82	0.12																									
03/08/82	0.11	8.95		64	2				333.3																	
04/08/82	0.16	8.50		36	2																					
05/08/82	0.05	8.45		36	2																					
06/08/82	0.16	8.20		32	2			37.0											0.43	47.30	44.20	47.60				0.007
07/08/82	0.13																									
08/08/82	0.10																									
09/08/82	0.07	8.69		41	1																					
10/08/82	0.06	8.71		51	2																					

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UL	T	PPUT	CLIDUR
11/08/82	0.06	8.80		46	1																						
12/08/82	0.06	8.70		60	2																						
13/08/82	0.07	9.00		67	2			74.1											0.45	49.00	44.80	49.80				0.007	
14/08/82	0.08																										
15/08/82	0.09																										
16/08/82	0.09	8.80		60	2				111.1																		
17/08/82	0.09	8.73		53	2																						
18/08/82	0.09	8.70		56	2																						
19/08/82	0.10	8.80		60																							
20/08/82	0.09	8.90		63	2	2579	1572	37.0		0.038	0.010	0.019	0.021	0.37	0.310	0.012	22.000		0.37	43.00	44.80	47.00		.49		0.007	
21/08/82	0.10																										
22/08/82	0.11																										
23/08/82	0.12	8.85		58	1																						
24/08/82	0.11	8.80		59	1																						
25/08/82	0.10	9.00		67	1																						
26/08/82	0.10	9.20		72	1																						
27/08/82	0.16	8.85		60	2			37.0											0.34	47.00	43.40	45.40					
28/08/82	0.17																										
29/08/82	0.18																										
30/08/82	0.19	7.50		15	2																						
31/08/82	0.20	6.60		6	3																						
01/09/82	0.21	6.60		5	3																						
02/09/82	0.27	8.75		38	2																						
03/09/82	0.26	8.50		27	2			74.1											0.15	60.00	50.40	51.80				0.003	
04/09/82	0.26																										
05/09/82	0.27																										
06/09/82	0.27																										
07/09/82	0.27	5.23		1	2				2741.0																		
08/09/82	0.26	8.35		20	3																						
09/09/82	0.26	8.40		27	2																						
10/09/82	0.26	6.40		6	3			148.2											0.10	51.00	56.00	58.80				0.017	
11/09/82	0.22																										
12/09/82	0.19																										
13/09/82	0.16	8.07		22	1																						
14/09/82	0.24	8.10		25	1																						
15/09/82	0.24	6.21		5	1																						
16/09/82	0.27	6.00		4	8																						
17/09/82	0.27	7.30		10	17			148.2											0.19	50.90	55.20	56.60				0.010	
18/09/82	0.27																										
19/09/82	0.27																										
20/09/82	0.27	5.96		4	4				222.2																		
21/09/82	0.33	4.97		4	5																						
22/09/82	0.28	6.83		7	6																						
23/09/82	0.28	7.14		14	5																						
24/09/82	0.29	5.39		3	4	2604	1644	148.2		0.026	0.093	0.130	0.100	5.20	0.110	0.019	20.000		0.14	53.30	53.20	54.60		.24		0.013	
25/09/82	0.29																										
26/09/82	0.30																										
27/09/82	0.30	5.00		1	3																						
28/09/82	0.29	6.25		5	3																						
29/09/82	0.30	8.35		25	3																						
30/09/82	0.32	9.27		93	2																						
01/10/82	0.37	9.20		76	1			74.1											0.30	60.00	55.20	58.00					
02/10/82	0.38																										
03/10/82	0.40																										
04/10/82	0.41	8.70		38	1				296.3																		
05/10/82	0.41	8.00		17	2																						
06/10/82	0.34	6.30		5	2																						

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	CDUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
07/10/82	0.37	8.61		38	2																					
08/10/82	0.39	8.58		38	1			185.2											0.10	67.00	59.60	62.40			0.010	
09/10/82	0.39																									
10/10/82	0.39																									
11/10/82	0.40																									
12/10/82	0.40	8.45		30	1																					
13/10/82	0.40	8.65		42	1																					
14/10/82	0.36	8.56		38	2																					
15/10/82	0.42	8.50		32	2			185.2											1.20	64.00	62.20	63.20			0.007	
16/10/82	0.42																									
17/10/82	0.43																									
18/10/82	0.43	9.00		96	6				296.3																	
19/10/82	0.48	8.85		77	3																					
20/10/82	0.50	9.10		84	4														1.60							
21/10/82	0.48	8.60		42	4																					
22/10/82	0.48	8.70		51	4	2639	1539	74.1		<.001	0.035	<.001	0.006	5.30	0.670	0.003	0.690		1.50	62.00	59.60	61.80		0.2	0.020	
23/10/82	0.48																									
24/10/82	0.48																									
25/10/82	0.48	9.35		114	2																					
26/10/82	0.46	9.20		95	3																					
27/10/82	0.48	9.25		96	3																					
28/10/82	0.48	8.95		67	3																					
29/10/82	0.47	8.68		63	3			111.1												65.80	47.90	49.60			0.013	
30/10/82	0.46																									
31/10/82	0.46																									
01/11/82	0.45	9.20		86	6				1370.4										1.80							
02/11/82	0.44	8.95		64	6																					
03/11/82	0.45	9.00		63	3														1.80							
04/11/82	0.46	9.00		59	2																					
05/11/82	0.44	9.05		53	2			148.2											1.40	61.00	53.50	55.70			0.010	
06/11/82	0.43																									
07/11/82	0.42																									
08/11/82	0.41	9.10		58	5																					
09/11/82	0.41	9.17		63	4																					
10/11/82	0.41	9.00		47	5																					
11/11/82	0.41	7.90		23	12			148.2											1.50	58.00	53.60	57.10			0.007	
12/11/82	0.40																									
13/11/82	0.39																									
14/11/82	0.38																									
15/11/82	0.38	8.70		34	3																					
16/11/82	0.38	8.60		31	3																					
17/11/82	0.38	6.60		9	11				630.0																	
18/11/82	0.37	9.10		50	6																					
19/11/82	0.36	9.40		88	7	2441	1492	111.1		0.037	0.008	0.036	0.036	3.00	0.190	0.014	2.300			54.00	55.40	57.10		0.2	<.013	
20/11/82	0.35																									
21/11/82	0.34																									
22/11/82	0.33	6.35		7	4																					
23/11/82	0.33	9.10		47	5																					
24/11/82	0.33	9.33		67	4																					
25/11/82	0.33	9.10		77	3																					
26/11/82	0.33	9.35		76	2			148.2											1.40	50.00	51.70	53.70			<.003	
27/11/82	0.33																									
28/11/82	0.32																									
29/11/82	0.32	9.00		51	8																					
30/11/82	0.32	9.10		70	6																					
01/12/82	0.33	9.10		82	5																					
02/12/82	0.33	9.06		79	5																					

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
03/12/82	0.33	8.85		48	6			74.1											1.30	51.70	49.60	51.00			<.003	
04/12/82	0.34																									
05/12/82	0.34																									
06/12/82	0.34	9.00		63	6				704.0																	
07/12/82	0.33	8.20		41																						
08/12/82	0.33	9.15		47	4																					
09/12/82	0.33	8.80		39	3																					
10/12/82	0.33	8.84		38	6			37.0											1.50	50.80	46.20	48.40			<.003	
11/12/82	0.33																									
12/12/82	0.33																									
13/12/82	0.33	9.37		75																						
14/12/82	0.33	9.25		59	4																					
15/12/82	0.33	8.55		27	4																					
16/12/82	0.33	9.15		50	3																					
17/12/82	0.33	9.30		59	3	2237	1354	74.1		0.029	0.010	0.022	0.025	0.39	0.120	0.008	12.000		1.60	48.00	52.90	56.00		20	<.003	
18/12/82	0.33																									
19/12/82	0.33																									
20/12/82	0.33	8.25		21	2				370.4																	
21/12/82	0.33	8.60		30	3																					
22/12/82	0.34	8.70		30	3																					
23/12/82	0.33	8.60		30	3			74.1											1.50	46.00	50.40	53.20				
24/12/82	0.35																									
25/12/82	0.36																									
26/12/82	0.38																									
27/12/82	0.38																									
28/12/82	0.39	4.77	72		6																					
29/12/82	0.39	7.92		16	9																					
30/12/82	0.39	8.30		20	5																					
31/12/82	0.39								259.3										1.20	40.00	57.00	59.60			0.017	

RIO ALGOM LIMITED STATION: Q-6

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
03/05/82		6.55	6	4		564	386	144.4	867.0											17.00	22.00				06	

RIO ALGOM LIMITED STATION: Q-8

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	CDUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
06/01/82		9.90		116		1792		182.0	1444.4								1.600		1.40	68.00	30.60	31.50				
14/01/82	1.05																									
21/01/82	1.00																									
28/01/82	1.38																									
01/02/82	1.58	10.55		102		875	409	144.4	1407.4										0.80	35.00	19.40	20.00				
11/02/82	1.03																									
18/02/82	2.01																									
25/02/82	1.77																									
01/03/82	1.73	9.60		54		730		81.5	359.3								0.920		0.80	27.00	11.80	12.50				
05/03/82	1.59																									
12/03/82	1.50																									
18/03/82	2.68																									
25/03/82	2.91																									
05/04/82	3.29	8.70		21		363		96.3	407.4								2.600		0.20	14.90	8.40	9.30				
14/04/82	3.33																									
22/04/82	3.88																									
29/04/82	7.24																									
03/05/82	5.10	7.10	2	9	1	191	90	178.0	330.0	<.001	0.003	0.004	0.006	0.03	0.022	<.001	1.200	37.0	0.10	4.50	2.50	3.60			0.003	8.00
06/05/82	4.86																									
14/05/82	4.09																									
20/05/82	2.00																									
27/05/82	3.93																									
01/06/82	1.62	7.70	5	15		599		178.0	326.0								1.700		1.20	20.00	9.00	10.00				
10/06/82	1.96																									
17/06/82	1.88																									
24/06/82	1.86																									
05/07/82	1.41	7.75	3	13		701		148.2	259.3								0.930		3.20	23.00	8.30	9.20				
08/07/82	1.41																									
22/07/82	1.21																									
29/07/82	0.97																									
03/08/82	0.55	7.05	4	12		733	361	74.1	111.1								1.700		4.10	22.00	7.80	8.40				
12/08/82	1.49																									
19/08/82	1.08																									
27/08/82	0.77																									
03/09/82	1.48																									
07/09/82	1.17	7.96	6	30		2061		74.1	296.3								6.200		25.00	67.00	17.90	19.90				
16/09/82	0.55																									
21/09/82	0.61																									
30/09/82	2.24																									
04/10/82	2.39	6.90	3	10		648		222.2	519.0								2.400		2.00	34.00	5.80	6.80				
14/10/82	3.05																									
21/10/82	4.40																									
28/10/82	3.74																									
01/11/82	3.35	6.70	3	7		203	95	556.0	630.0								1.500		0.80	4.60	3.00	4.00				
11/11/82	1.85																									
18/11/82	1.50																									
25/11/82	3.29																									

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSD4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	U	T	PPUT	CLIDUR
01/12/82	3.74	6.80	5	8		234		74.1	74.1								1.400		2.10	5.00	3.00	4.30					
09/12/82	3.62																										
17/12/82	3.08																										
30/12/82	3.80																										

RIO ALGOM LIMITED — STATION: Q-9

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSD4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
06/01/82		9.20		74		1835		100.0	519.0								4.800		2.30	74.00	39.20	39.60				
14/01/82	2.44																									
21/01/82	3.06																									
28/01/82	3.28																									
01/02/82	3.74	9.80		96		1140	531	100.0	1556.0								2.600		1.30	42.00	26.30	27.10				
11/02/82	7.16																									
18/02/82	7.01																									
26/02/82	3.46																									
01/03/82	4.06	8.95		47		958		93.0	407.4								2.900		1.30	35.00	21.10	21.70				
12/03/82	2.72																									
18/03/82	4.42																									
25/03/82	4.36																									
05/04/82	5.74	8.50		24		627		96.3	704.0								4.600		0.50	22.00	16.00	17.10				
14/04/82	4.76																									
22/04/82	7.29																									
29/04/82	11.6																									
03/05/82	11.1	6.90	3	8	2	254	152	178.0	437.0	<.001	0.006	0.004	0.004	0.26	0.055	<.001	1.900	51.0	0.20	6.50	5.20	6.30			0.007	8.00
06/05/82	10.0																									
14/05/82																										
20/05/82	2.87																									
27/05/82	5.44																									
01/06/82	2.05	7.25	<1	15		756		159.3	267.0								3.200		1.20	22.00	15.30	16.40				
10/06/82	2.19																									
17/06/82	1.90																									
24/06/82	1.84																									
05/07/82	1.43	7.45	4	13		884		111.1	222.2								1.300		2.30	25.00	10.80	11.40				
08/07/82	1.40																									
22/07/82	1.42																									
29/07/82	1.01																									
03/08/82	0.57	7.15	5	14		1108	578	74.1	111.1								2.700		0.40	23.00	14.20	15.20				
12/08/82	1.46																									
19/08/82	1.00	7.25																			9.10					
27/08/82	0.82																									
02/09/82	1.55																									
07/09/82	1.18	7.15	9	16		1167		74.1	962.9								9.800		3.70	54.00	21.60	23.50				
14/09/82	1.61																									
21/09/82	1.54	6.85																			11.60					
30/09/82	2.65																									
04/10/82	3.55	6.80	11	11		663		148.2	333.3								4.000		1.20	16.00	9.20	10.40				
14/10/82	5.18																									
21/10/82	9.00	6.80																			7.10					
28/10/82	6.68																									
01/11/82	5.55	7.05	5	12		422	234	148.2	370.4								2.900		0.60	10.00	7.00	8.10				
11/11/82	3.17																									
18/11/82	3.21	6.90																			21.00					
25/11/82	5.40																									
01/12/82	6.32	7.05	5	11		339		74.1	74.1								1.900		1.80	8.80	4.90	6.60				
09/12/82	6.43																									
17/12/82	4.48	6.60																			8.10					
30/12/82	7.51																									

RIO ALGOM LIMITED STATION: Q-10

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNKTUR	TURB	UUI	PPUT	CLIDUR
19/01/82		6.60	2	7		38			37.0																	
01/02/82		6.50	2	8		45			33.3																	
01/03/82		6.30	3	8		45			67.0																	
05/04/82		6.40	4	7		45																				
03/05/82		6.30	2	3		40			74.1																	
01/06/82		6.70	1	5		42																				
05/07/82		6.60	1	8		55			37.0																	
03/08/82		7.00	3	9		58																				
07/09/82		6.80	2	10		50			37.0																	
04/10/82		6.65	4	9		65																				
01/11/82		6.30	3	7		38			37.0																	
01/12/82		6.10	4	6		40																				

RIO ALGOM LIMITED STATION: Q-11

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNKTUR	TURB	UUI	PPUT	CLIDUR
06/01/82		6.55	3	8		36			37.0																	
01/02/82		6.10	5	8		39	10		48.2								0.740	5.9		2.20	0.30			(	)2	
01/03/82		6.40	4	9		42			44.4																	
03/05/82		6.45	2	4		36	6		41.0								0.430	3.6		0.60	<.01					
01/06/82		6.55	3	14		41																				
03/08/82		6.80	2	42		192	10										1.000	5.0	18.00		0.70	0.20			0.010	
07/09/82		7.30	2	41		83			37.0																	
04/10/82		6.83	3	53		87																				
01/11/82		7.70	4	66	6	96			74.1																	
01/12/82		7.00	22	52		115																				

RIO ALGOM LIMITED STATION: Q-12

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
01/01/82	0.02																									
02/01/82	0.02																									
03/01/82	0.02																									
04/01/82	0.02																									
05/01/82	0.02																									
06/01/82	0.02	6.70	1	8		39			44.4																	
07/01/82	0.02																									
08/01/82	0.03																									
09/01/82	0.03																									
10/01/82	0.03																									
11/01/82	0.03																									
12/01/82	0.03																									
13/01/82	0.03																									
14/01/82	0.03																									
15/01/82	0.03																									
16/01/82	0.03																									
17/01/82	0.03																									
18/01/82	0.03																									
19/01/82	0.03																									
20/01/82	0.03																									
21/01/82	0.03																									
22/01/82	0.03																									
23/01/82	0.03																									
24/01/82	0.03																									
25/01/82	0.03																									
26/01/82	0.03																									
27/01/82	0.03																									
28/01/82	0.03																									
29/01/82	0.02																									
30/01/82	0.02																									
31/01/82	0.01																									
01/02/82	0.14	6.20	2	7		39			41.0																	
12/02/82	0.26																									
26/02/82	0.26																									
01/03/82	0.02	6.50	6	8		62			41.0																	
02/03/82	0.02																									
03/03/82	0.02																									
04/03/82	0.02																									
05/03/82	0.02																									
06/03/82	0.02																									
07/03/82	0.02																									
08/03/82	0.03																									
09/03/82	0.02																									
10/03/82	0.01																									
11/03/82	0.0																									
12/03/82	0.0																									
13/03/82	0.0																									
14/03/82	0.0																									
15/03/82	0.0																									
16/03/82	0.0																									
17/03/82	0.0																									

DATE	FWFLOW	PH	ACDI	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUL	PPUT	CLIDUR
18/03/82	0.0																									
19/03/82	0.0																									
20/03/82	0.0																									
21/03/82	0.0																									
22/03/82	0.0																									
23/03/82	0.0																									
24/03/82	0.0																									
25/03/82	0.0																									
26/03/82	0.0																									
27/03/82	0.0																									
28/03/82	0.0																									
29/03/82	0.0																									
30/03/82	0.0																									
31/03/82	0.0																									
12/04/82		5.30																								
21/04/82		6.00																								
23/04/82		6.14																								
27/04/82		6.05																								
30/04/82		6.15																								
03/05/82		6.40	2	4		34			41.0																	
06/05/82		6.35	3																							
11/05/82		6.10																								
18/05/82		8.20																								
19/05/82		6.55	1	5		41			78.0																	
21/05/82		6.10																								
27/05/82		6.30																								
01/06/82		6.60	2	5		35			59.3																	
03/06/82		6.70																								
08/06/82		6.75																								
16/06/82		6.60																								
18/06/82		6.50																								
24/06/82		6.40																								
25/06/82		6.70																								
30/06/82		6.70																								
06/07/82		6.90	2	7		53			37.0																	
20/07/82		7.25	9	1																						
23/07/82		7.10																								
29/07/82		6.60																								
30/07/82		7.10																								
03/08/82		7.15	2	9		45			37.0																	
06/08/82		6.30																								
09/08/82		6.59																								
13/08/82		6.75																								
18/08/82		6.95																								
24/08/82		7.25																								
03/09/82		6.20																								
07/09/82		6.80	2	12		46			185.2																	
10/09/82		7.60																								

RIO ALGOM LIMITED STATION: Q-15

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	CDUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
21/01/82		6.60	3	6	39				82.0																	
15/02/82		6.00	8	8	45	7			48.2								0.650	4.9		0.80	0.21			0.1		
03/03/82		6.20	2	8	48	7			78.0											0.40	0.07					
14/04/82		4.90	6						41.0																	
27/05/82		6.70	1	5	21	4			107.4								0.600	3.7		0.20	0.04					
29/06/82		6.50	1	4	30				37.0																	
11/08/82		6.50	3	5	21	8			37.0								0.540	6.2						0.0		
22/09/82		7.53	4	5	26				37.0																	
18/10/82		6.60	2	4	38				37.0																	
17/11/82		6.20	3	3	42	8			74.1								0.590	3.0		0.50	0.02			<.0		

RIO ALGOM LIMITED STATION: Q-16

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNMTFR	NNTKUR	TURB	UUL	PPUT	CLIDUR
06/01/82		6.70	1	3		38			59.3																	
13/01/82		6.80	2	5		45																				
18/01/82		2.10	680																							
20/01/82		11.20		146		155			248.2																	
27/01/82		9.80		22		40																				
03/02/82		8.95		12		2012			115.0																	
18/02/82		10.30		31		62			96.3																	
24/02/82		10.00		34		58																				
04/03/82		9.15		15		62			156.0																	
10/03/82		9.40		11		31																				
17/03/82		6.50	4	10		370																				
25/03/82		6.40	2	4		73																				
31/03/82		9.00		21		105																				
07/04/82		6.65	4	6		84			126.0																	
14/04/82		6.80	3	7		59																				
21/04/82		6.69	4	4		60																				
28/04/82		6.41	2	3		30																				
05/05/82		6.70	1	5		55			152.0																	
12/05/82		7.00	3	5		57																				
19/05/82		6.90	2	7		49																				
27/05/82		6.85	1	6		48																				
02/06/82		7.20	3	8		83			141.0																	
09/06/82		5.85	6	3		13466																				
16/06/82		7.00	2	6		42																				
23/06/82		6.90	2	5		51																				
29/06/82		7.00	1	4		41																				
07/07/82		7.40	2	10		69			37.0																	
14/07/82		5.95	3	2		40																				
21/07/82		6.55	3	3		48																				
28/07/82		6.65	1	4		35																				
05/08/82		6.40	3	4		42			37.0																	
11/08/82		6.30	4	3		41			37.0																	
18/08/82		6.90	3	12		55																				
01/09/82		7.00	8	10		87																				
08/09/82		10.20		49		109			111.1																	
15/09/82		6.70	6	7		98																				
22/09/82		6.98	12	9		74																				
29/09/82		6.90	4	12		230																				
06/10/82		6.90	2	14		96			74.1																	
20/10/82		6.45	2	4		64																				
27/10/82		6.98	4	4		83																				
03/11/82		6.40	3	3		29			74.1																	
10/11/82		6.93	4	8		59																				
17/11/82		6.60	2	6		51																				
24/11/82		9.15		13		54																				
01/12/82		6.90	6	11		68			74.1																	
08/12/82		6.20	2	5		58																				
15/12/82		6.65	3	8		89																				
23/12/82		6.90	5	11		75																				
29/12/82		5.65	14	9		56																				

RIO ALGOM LIMITED STATION: Q-18

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
19/05/82		6.40	1	2		69			44.4																	

RIO ALGOM LIMITED STATION: Q-19

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
04/05/82		6.20	2	3	2	29	3	37.0	78.0	<.001	0.004	<.001	<.001	0.03	0.014	<.001	0.480	3.4	<.01	0.30	0.70	1.80		0.03	0.013	<.20

RIO ALGOM LIMITED STATION: S-1

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
22/02/82		6.00	8	7		31			22.2	<.002	0.033	<.001	<.001	0.72	0.190	0.003	0.460						2.5			

RIO ALGOM LIMITED STATION: S-2

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PUT	CLIDUR
25/01/82		7.15	3	36		294			156.0					0.53	0.079											
22/02/82		7.35	2	37		294			122.2	0.009	0.033	0.007	0.010	0.28	0.110	0.012										
24/03/82		6.90	3	41		304			111.1					0.68	0.220											
26/04/82		5.89	5	6		39			130.0					0.43	0.130											
25/05/82		7.50	2	21		263			137.0					1.40	0.490											
21/06/82		8.70		24		328			148.2					0.44	0.180											
26/07/82		8.15	1	32		372			111.1					<.02	0.045											
23/08/82		8.65		38		407			111.1	<.002	0.007	0.016	0.005	0.11	0.037	0.007										
27/09/82		7.74	2	43		337			222.2					0.43	0.180											
25/10/82		6.80	4	41		395			148.2					0.38	0.170											
22/11/82		7.50	8	35		368			185.2					0.30	0.140											
13/12/82		7.20	4	31		277			185.2					0.51	0.140											

RIO ALGOM LIMITED STATION: S-3

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
25/01/82		6.35	6	22		80			85.2					2.50	1.000											
22/02/82		6.30	12	28		80			41.0	<.002	0.011	0.005	0.011	1.40	1.000	0.006										
24/03/82		3.65	16			80			33.3					1.30	0.730											
25/03/82		6.40																								
26/04/82		5.90	5	4		34			70.4					0.26	0.092											
25/05/82		6.75	2	10		57			44.4					0.48	0.087											
21/06/82		6.75	3	16		71			37.0					1.30	0.150											
26/07/82		6.85	2	21		72			37.0					1.21	0.180											
23/08/82		6.90	3	23		79			37.0	0.008	0.003	0.007	0.001	1.20	0.140	0.004										
27/09/82		6.77	4	13		56			37.0					0.57	0.053											
25/10/82		6.30	2	8		60			37.0					0.35	0.042											
22/11/82		6.50	8	8		59			148.2					0.34	0.058											
13/12/82		6.60	3	7		65			111.1					0.24	0.054											

RIO ALGOM LIMITED STATION: SR-1

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
27/01/82	1.75	5.60	4	<1		312	157	115.0		0.019	0.014	0.008	0.009	0.02	0.230	0.005	3.900		0.08	8.80	3.40	3.70				
10/02/82	1.79	5.60	2	1		297	182		141.0	<.002	0.015	0.009	0.008	0.04	0.220	0.010	1.500		0.07	8.50	2.70	3.30				
09/03/82	1.84	6.00	3	2		312	156		144.4	0.010	0.016	0.006	0.005	0.04	0.240	0.005	1.700		0.07	9.10	3.20	3.80				
28/05/82	16.3	5.90	5	3		272	151		93.0	<.002	0.014	0.005	<.001	0.12	0.210	0.007	1.400		0.05	8.10	3.50	4.60				
29/06/82	2.50	6.30	2	2		332	152		111.1	<.002	0.013	0.013	0.010	0.08	0.220	<.001	1.500		0.01	8.40	3.70	4.70				
14/07/82	0.34	6.01	2	1		328	166		74.1	<.001	0.030	<.002	<.001	0.03	0.200	0.004	0.730		0.14	9.00	3.70	4.70				
18/08/82	1.50	5.80	2	2		316	168		74.1	<.002	0.014	0.011	0.008	0.04	0.210	0.006			0.13	9.50	3.70	4.50				
23/09/82	2.37	6.14	6	1		323	176		111.1	0.006	0.025	0.007	0.001	0.03	0.220	0.006	2.030		0.15	8.60	3.10	3.70				
29/10/82	12.5	6.22	4	3		319	166		111.1	0.014	0.015	0.007	0.005	0.05	0.200	0.005	2.200		0.17	9.10	3.58	5.18				
24/11/82	7.93	6.00	5	2		317	171		74.1	0.006	0.012	0.005	0.010	0.01	0.200	<.001	2.100		0.14	9.20	3.70	4.40				

RIO ALGOM LIMITED STATION: SR-2

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UU	PPUT	CLIDUR
19/02/82		5.95	2	3		194	84		244.4					0.07	0.170		1.400		<.01	0.40	0.40	1.00				
01/04/82		6.20	2	4		147	79		207.4					0.15	0.160		1.700		0.01	0.40	0.50	1.60				
18/06/82		6.70	1	4		166	79		185.2	0.010	0.012	0.005	0.008	0.15	0.140	0.007	0.880		0.02	2.30	1.30	2.30				
16/08/82		6.25	3	2		178	79		74.1					0.03	0.099		0.510		0.04	3.30	1.20	2.30				
26/10/82		6.35	5	7		157	69		148.2					0.04	0.030		1.360		<.01	0.45	0.28	0.84				
08/12/82		6.25	5	4		184	76		148.2					1.10	0.078		1.400		0.01	0.40	0.80	1.70				

RIO ALGOM LIMITED STATION: SR-3

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
19/02/82	3.64	5.25	4	1		181	102		130.0					0.04	0.260		1.400		0.03	5.50	1.30	2.10				
01/04/82	8.40	5.45	4	1		180	8		148.2					0.05	0.250		1.600		0.02	4.50	1.30	2.40				
18/06/82		6.10	2	2		156	97		111.1	<.002	0.015	0.006	0.003	0.27	0.260	0.002	0.790		0.03	4.70	1.80	3.40				
13/08/82	1.98	6.20	2	1		203	98		111.1					0.04	0.160		0.590		0.06	5.50	1.60	2.70				
26/10/82	17.3	5.85	6	2		196	94		148.2					0.05	0.200		1.450		<.01	5.50	1.50	2.07				

RIO ALGOM LIMITED STATION: SR-6

DATE	FWFLOW	PH	ACDT	ALKT	RSP	RSF	SSO4UR	RA226F	RA226T	PBUT	ZNUT	NIUT	COUT	FEUT	MNUT	CUUT	MGUR	CAUR	NNO2FR	NNO3FR	NNHTFR	NNTKUR	TURB	UUUT	PPUT	CLIDUR
18/02/82		6.35	2	12		154	68		289.0	<.002	0.003	0.003	<.001	0.04	0.014	<.001			<.01	0.30	0.20	0.80				
12/03/82		6.85	3	12		175	79		237.0	<.002	0.002	<.001	0.006	0.02	0.010	<.001			<.01	0.30	0.20	1.00				
27/05/82		7.30	2	14		184	83		256.0	<.002	0.002	<.001	0.004	0.09	0.023	0.004			0.20	0.40	1.60	3.40				
18/06/82		7.35	1	14		177	85		296.3	0.006	0.003	<.001	0.005	0.02	0.019	<.001			<.01	0.50	0.30	1.40				
29/07/82		7.00	3	14		197	79		370.4	<.002	0.015	0.003	<.001	0.05	0.019	0.009			<.01	0.50	0.40	1.60				
25/08/82		7.40	2	15		207	85	296.3		<.002	0.003	<.001	0.003	0.05	0.020	<.001			<.01	0.42		0.80				
30/09/82		7.40	3	16		183	79		444.4	0.005	0.006	<.001	0.002	0.04	0.011	0.005			<.02	0.30	0.40	1.30				
26/10/82		6.85	5	16		173	74		370.4	0.001	0.003	0.007	0.004	0.07	0.020	0.002			<.01	0.37	0.67	1.23				
17/11/82		7.20	3	14		177	88		333.3	0.010	0.003	0.003	0.002	0.06	0.024	0.003			<.02	0.40	0.20	1.10				

DENISON MINES LIMITED

DENISON MINES LIMITED STATION: D-1

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKJR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHIFR	CUUT	FCMF	ICMF
05/01/82	0.21	10.5			3																				
06/01/82	0.34	10.6																							
07/01/82	0.34	10.6																							
08/01/82	0.27	10.7																							
11/01/82	0.27	10.5																							
12/01/82	0.27	10.4			3																				
13/01/82	0.34	10.7																							
14/01/82	0.34	10.7																							
15/01/82	0.38	10.6																							
18/01/82	0.27	10.6																							
19/01/82	0.18	10.8			7																				
20/01/82	0.38	10.8																							
21/01/82	0.34	10.8																							
22/01/82	0.27	10.5																							
25/01/82	0.42	9.3			27																				
26/01/82	0.34	10.5		21000	31				800																
27/01/82	0.42	10.8																							
28/01/82	0.42	10.8																							
29/01/82	0.30	10.6																							
01/02/82	0.18	9.2																							
02/02/82	0.34	11.2			119																				
03/02/82	0.21	10.9																							
04/02/82	0.11	10.4																							
05/02/82	0.11	10.1																							
08/02/82	0.21	9.6																							
09/02/82	0.21	9.6			13																				
10/02/82	0.42	9.2																							
11/02/81	0.42	9.4																							
12/02/82	0.42	9.3																							
14/02/82																									
15/02/82																									
16/02/82																									
17/02/82	0.07	9.5			5																				
18/02/82	0.24	9.7			3																				
19/02/82	0.24	9.7			<1																				
22/02/82	0.27	9.6																							
23/02/82	0.27	9.6		116296	20																				
24/02/82	0.24	9.7																							
25/02/82	0.21	9.7																							
26/02/82	0.27	9.2																							
01/03/82	0.18	9.0																							
02/03/82	0.27	9.8			26																				
03/03/82	0.27	9.6																							
04/03/82	0.30	9.9																							
05/03/82	0.27	9.8																							
08/03/82	0.27	9.7																							
09/03/82	0.21	9.2			4																				
10/03/82	0.09	9.3																							
11/03/82	0.38	9.3																							
12/03/82	0.38	8.8			5																				
15/03/82	0.27	8.9																							

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNH3FR	CUUT	FCM	TCMF
16/03/82	0.34	8.7			123																				
17/03/82	0.38	9.9			19																				
18/03/82	0.34	9.1			24																				
19/03/82	0.27	9.5			21																				
22/03/82	0.30	9.7																							
23/03/82	0.34	9.4			3																				
24/03/82	0.38	9.2																							
25/03/82	0.34	10.0			5																				
26/03/82	0.34	9.3			11																				
29/03/82	0.27	9.2																							
30/03/82	0.27	9.4		16556	21																				
31/03/82	0.61	8.4																							
01/04/82	0.52	9.2																							
02/04/82	0.34	9.0																							
05/04/82	0.38	8.7																							
06/04/82	0.34	9.4			266																				
07/04/82	0.34	8.7																							
08/04/82	0.34	9.1																							
12/04/82	0.09	9.3																							
13/04/82	0.30	8.9			5																				
14/04/82	0.38	9.3																							
15/04/82	0.42	9.2																							
16/04/82	0.42	9.0																							
19/04/82	0.47	9.1																							
20/04/82	0.42	9.3			14																				
21/04/82	0.42	8.9																							
22/04/82	0.38	9.1																							
23/04/82	0.42	9.3																							
26/04/82	0.61	8.8																							
27/04/82	0.47	9.0			2																				
28/04/82	0.47	8.8																							
29/04/82	0.38	8.9																							
30/04/82	0.38	8.9																							
03/05/82	0.30	8.5																							
04/05/82	0.27	8.7			<1																				
05/05/82	0.27	8.1																							
06/05/82	0.34	8.4																							
07/05/82	0.34	8.5																							
10/05/82	0.27	8.8																							
11/05/82	0.34	8.8			<1																				
12/05/82	0.30	8.8																							
13/05/82	0.30	8.8																							
14/05/82	0.27	8.8																							
17/05/82	0.30	8.7																							
18/05/82	0.34	8.5			3																				
19/05/82	0.38	8.6																							
20/05/82	0.34	8.9																							
21/05/82	0.34	8.5																							
25/05/82	0.27	8.7		15185	2																				
26/05/82	0.27	8.4																							
27/05/82	0.24	8.2																							
28/05/82	0.27	8.4																							
31/05/82	0.24	9.0																							
01/06/82	0.47	9.1			3																				
02/06/82	0.34	8.8																							
03/06/82	0.27	8.8																							
04/06/82	0.27	8.9																							

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NJUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	TCMF
07/06/82	0.24	9.0																							
08/06/82	0.27	8.7			2																				
09/06/82	0.27	8.8																							
10/06/82	0.40	8.7																							
11/06/82	0.27	8.7																							
14/06/82	0.27	8.7																							
15/06/82	0.30	8.9			2																				
16/06/82	0.27	8.8																							
17/06/82	0.27	8.8																							
18/06/82	0.27	8.8																							
21/06/82	0.27	8.8																							
22/06/82	0.34	8.7			1																				
23/06/82	0.30	8.7																							
24/06/82	0.30	8.6																							
25/06/82	0.27	8.5																							
28/06/82	0.27	8.5																							
29/06/82	0.27	8.5		19037	1																				
30/06/82	0.27	8.5																							
01/07/82	0.21	8.6																							
05/07/82	0.21	8.5																							
06/07/82	0.24	8.5			2																				
07/07/82	0.27	8.4																							
08/07/82	0.27	8.4																							
09/07/82	0.24	8.5																							
12/07/82	0.42	7.9																							
13/07/82	0.34	7.3		22370	2																				
14/07/82	0.30	7.4																							
15/07/82	0.27	8.1																							
16/07/82	0.47	8.0																							
19/07/82	0.30	8.8																							
21/07/82	0.21	8.8			<1																				
22/07/82	0.15	8.7																							
23/07/82	0.15	8.7																							
26/07/82	0.11	8.8																							
27/07/82	0.11	8.8		23630	<1																				
28/07/82	0.11	8.8																							
29/07/82	0.11	8.1																							
03/08/82	0.13	8.4			2																				
04/08/82	0.21	8.6																							
05/08/82	0.21	8.6																							
06/08/82	0.21	9.2																							
09/08/82	0.34	9.6																							
10/08/82	0.27	9.4			4																				
11/08/82	0.27	8.7																							
12/08/82	0.24	8.7																							
13/08/82	0.21	8.7																							
16/08/82	0.24	8.6																							
17/08/82	0.24	8.5			2																				
18/08/82	0.24	8.4																							
19/08/82	0.34	8.5																							
20/08/82	0.30	8.5																							
23/08/82	0.34	8.5																							
24/08/82	0.27	9.0		17111	2																				
25/08/82	0.27	8.9																							
26/08/82	0.27	8.7																							
27/08/82	0.38	9.0																							
30/08/82	0.27	9.2																							

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	IMUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FC	TCMF
31/08/82	0.27	9.5				4																			
01/09/82	0.30	9.2																							
02/09/82	0.42	9.4																							
03/09/82	0.38	9.0																							
07/09/82	0.27	8.3				<1																			
08/09/82	0.27	8.3																							
09/09/82	0.27	8.4																							
10/09/82	0.24	8.6																							
13/09/82	0																								
14/09/82	0																								
15/09/82	0																								
16/09/82	0																								
17/09/82	0																								
20/09/82	0																								
21/09/82	0																								
22/09/82	0.03	6.2																							
23/09/82	0.03	6.3																							
24/09/82	0.07	6.8																							
27/09/82	0.34	6.7																							
28/09/82	0.30	7.3		19852		3																			
29/09/82	0.27	7.4																							
30/09/82	0.27	7.4																							
01/10/82	0.27	7.3																							
04/10/82	0.27	7.9																							
05/10/82	0.27	8.1				<1																			
06/10/82	0.34	8.1																							
07/10/82	0.61	8.1																							
08/10/82	0.27	8.0																							
12/10/82	0.34	7.8				<1																			
13/10/82	0.34	7.7																							
14/10/82	0.34	7.6																							
15/10/82	0.34	7.8																							
18/10/82	0.27	8.0																							
19/10/82	0.30	8.4				<1																			
20/10/82	0.82	7.8																							
21/10/82	0.71	8.2																							
22/10/82	0.47	7.7																							
25/10/82	0.27	7.5																							
26/10/82	0.27	7.4		12296		1																			
27/10/82	0.27	8.4																							
28/10/82	0.27	8.3																							
29/10/82	0.27	8.6																							
01/11/82	0.30	8.3																							
02/11/82	0.30	9.0				4																			
03/11/82	0.30	8.9																							
04/11/82	0.30	8.8																							
05/11/82	0.30	8.9																							
08/11/82	0.27	9.0																							
09/11/82	0.27	8.4				<1																			
10/11/82	0.27	9.1																							
11/11/82	0.38	9.2																							
12/11/82	0.42	9.1																							
15/11/82	0.34	8.9																							
16/11/82	0.34	9.1				<1																			
17/11/82	0.30	8.9																							
18/11/82	0.30	9.0																							
19/11/82	0.34	8.9																							

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	TCMF
22/11/82	0.36	9.0																							
23/11/82	0.34	8.8			<1																				
24/11/82	0.34	8.9																							
25/11/82	0.27	8.9																							
26/11/82	0.30	8.9																							
29/11/82	0.30	8.9																							
30/11/82	0.30	8.9		12667	2																				
01/12/82	0.38	9.1																							
02/12/82	0.38	9.0																							
03/12/82	0.38	8.9																							
06/12/82	0.61	8.8																							
07/12/82	0.38	8.7			1																				
08/12/82	0.30	8.7																							
09/12/82	0.27	8.7																							
10/12/82	0.24	8.6																							
13/12/82	0.18	8.7																							
14/12/82	0.15	8.6			6																				
15/12/82	0.18	8.7																							
16/12/82	0.27	8.8																							
17/12/82	0.24	8.9																							
20/12/82	0.27	9.0																							
21/12/82	0.27	9.1		12741	26																				
22/12/82	0.27	9.1																							
23/12/82	0.24	9.3																							
28/12/82	0.52	8.5			1																				
29/12/82	0.52	9.2																							
30/12/82	0.30	9.1																							

DENISON MINES LIMITED STATION: D-2

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FC	TCMF	KKUR	NAUR	BAUT	PPUT
05/01/82		9.6	293.0	2107.4	1	2820		0	240					97							2.0	65							
06/01/82		9.8																											
07/01/82		9.6																											
08/01/82		9.7																											
11/01/82		10.0																											
12/01/82		10.1	122.2	2122.2	4	2830		0	290					97							2.4	65							
13/01/82		10.1																											
14/01/82		10.3																											
15/01/82		10.2																											
18/01/82		10.5																											
19/01/82		10.5	96.3	2189.0	7	2870		0	360					96							1.2	64							
20/01/82		10.3																											
21/01/82		10.5																											
22/01/82		10.5																											
25/01/82		10.3																											
26/01/82		10.3	133.3	2107.4	9	2910		0	340					100	1						1.6	70			40	<40			
27/01/82		10.4																											
28/01/82		10.6																											
29/01/82		10.5																											
01/02/82		10.2																											
02/02/82		9.6	200.0	1996.3	10	2740		0	330					88							2.6	59							
03/02/82		10.4																											
04/02/82		10.4																											
05/02/82		10.1																											
08/02/82		9.3																											
09/02/82		9.3	126.0	978.0	9	2520		0	240					89							3.5	63							
10/02/82		9.3																											
11/02/82		9.5																											
12/02/82		9.8																											
16/02/82		9.8	182.0	352.0	<1	2690		0	230					89							2.9	65							
17/02/82		10.1																											
18/02/82		9.6																											
19/02/82		9.7	---																										
22/02/82		9.8																											
23/02/82		9.9	174.1	1463.0	2	2780		0	260					92	2						2.7	58							
24/02/82		9.8																											
25/02/82		9.7																											
26/02/82		9.4																											
01/03/82		9.2			4																								
02/03/82		9.4	93.0	922.2	2	2860		0	240					94							3.6	57							
03/03/82		9.2			1																								
04/03/82		9.5			<1																								
05/03/82		9.2			1																								
08/03/82		9.6			2																								
09/03/82		9.9	100.0	1082.0	15	2880		0	200					89							4.0	56							
10/03/82		9.7			11																								
11/03/82		9.7			8																								
12/03/82		9.3			13																								
15/03/82		9.3			9																								
16/03/82		9.2	74.1	1256.0	6	2660		0	190					83							4.0	52							
17/03/82		9.2			19																								

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	CMF	KKUR	NAUR	BAUT	PPUT
18/03/82		9.4			3																								
19/03/82		9.5			7																								
22/03/82		9.6			10																								
23/03/82		9.7	178.0	1100.0	6	2700		0	190					84							4.2	50							
24/03/82		9.3																											
25/03/82		9.1			14																								
26/03/82		9.2			10																								
29/03/82		9.7			6																								
30/03/82		9.2	56.0	1611.1	4	2570		0	160					86	<1						5.5	54							
31/03/82		9.5																											
01/04/82		9.4																											
02/04/82		9.3																											
05/04/82		8.9																											
06/04/82		9.3	89.0	1026.0	4	2260		0	180					72							8.6	47							
07/04/82		9.2																											
08/04/82		9.3																											
12/04/82		8.9																											
13/04/82		8.9	500.0	1844.4	12	2690		0	125					69							8.6	44							
14/04/82		9.0																											
15/04/82		9.3																											
16/04/82		8.9																											
19/04/82		9.2																											
20/04/82		8.8	63.0	4074.1	12	2130		0	125					58							7.8	34							
21/04/82		9.2																											
22/04/82		8.8																											
23/04/82		9.1																											
26/04/82		8.9																											
27/04/82		8.9	144.4	1819.0	5	2080	0.06	0	110	0.10	<.01	1160	<1	57	<1	0.40	<.005	99	<.005	396	7.3	33	0.02		0	68	60		
28/04/82		8.8																											
29/04/82		8.9																											
30/04/82		8.9																											
03/05/82		8.7																											
04/05/82		8.2	82.0	456.0	<1	2040		0	115					47							7.3	25							
05/05/82		8.2																											
06/05/82		8.6																											
07/05/82		8.7																											
10/05/82		8.6																											
11/05/82		8.6	37.0	789.0	<1	2370		4	105					73							9.9	39							
12/05/82		8.7																											
13/05/82		8.6																											
14/05/82		8.6																											
17/05/82		8.5																											
18/05/82		8.5	74.1	782.0	1	2540		14	21					93							10.4	42							
19/05/82		8.5																											
20/05/82		8.9																											
21/05/82		8.8																											
25/05/82		8.7	96.3	1074.0	<1	2710		15	46					83	4						8.4	46			2				
26/05/82		8.6																											
27/05/82		8.7																											
28/05/82		8.5																											
31/05/82		8.5																											
01/06/82		8.5	70.4	752.0	<1	2840		21	49					95							9.2	52							
02/06/82		8.5																											
03/06/82		8.6																											
04/06/82		8.5																											
07/06/82		8.6																											
08/06/82		8.5	74.1	1659.3	2	2920		29	28					92							8.7	51							

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	INUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FI	F	TCMF	KKUR	NAUR	BAUT	PPUT
09/06/82		8.3																												
10/06/82		8.4																												
11/06/82		8.4																												
14/06/82		8.4																												
15/06/82		8.4	67.0	1759.3	1	3030		21	35					93							8.4	51								
16/06/82		8.5																												
17/06/82		8.5																												
18/06/82		8.5																												
21/06/82		8.5																												
22/06/82		8.5	133.3	1363.0	2	2940		9	40					99							7.9	47			0	2				
23/06/82		8.6																												
24/06/82		8.4																												
25/06/82		8.5																												
28/06/82		8.4																												
29/06/82		8.3	122.2	1826.0	2	3080		1	62					93	11						7.3	46								
30/06/82		8.4																												
01/07/82		8.4																												
05/07/82		8.3																												
06/07/82		8.2	141.0	2452.0	4	3010		11	54					91							7.1	46								
07/07/82		8.2																												
08/07/82		8.2																												
09/07/82		8.2																												
12/07/82		8.1																												
13/07/82		8.1	48.2	415.0	5	3170		8	51					88							6.9	49								
14/07/82		8.2																												
15/07/82		8.2																												
16/07/82		8.1																												
19/07/82		7.7																												
21/07/82		8.0	85.2	3615.0	<1	3150		3	62					83							9.0	48								
22/07/82		7.8																												
23/07/82		7.9																												
26/07/82		8.0																												
27/07/82		8.0	141.0	2767.0	<1	3080		1	59					78	15						9.2	46			0	6				
28/07/82		8.0																												
29/07/82		8.2																												
03/08/82		8.1	41.0	1241.0	2	3120		6	38					83							9.7	35								
04/08/82		8.1																												
05/08/82		8.0																												
06/08/82		7.9																												
09/08/82		8.0																												
10/08/82		8.1	100.0	726.0	2	2810		6	43					77							9.5	33								
11/08/82		8.0																												
12/08/82		8.1																												
13/08/82		8.0																												
16/08/82		8.0																												
17/08/82		8.0	89.0	833.3	<1	2810		6	38					79							8.5	31								
18/08/82		7.9																												
19/08/82		7.8																												
20/08/82		7.9																												
23/08/82		8.0																												
24/08/82		8.5	89.0	1137.0	3	2850	0.04	0	35	0.04	<0.01	1580	<1	86	9	0.04	0.013	195	<0.01	460	8.9	31	0.03		0	4	105	99	<0.2	0.01
25/08/82		8.6																												
26/08/82		8.6																												
27/08/82		8.6																												
30/08/82		8.7																												
31/08/82		8.7	70.4	1467.0	2	3510		0	68					91							8.1	33								
01/09/82		8.5																												

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHIFR	CUUT	FCMF	TCMF	KKUR	NAUR	BAUT	PPUT
02/09/82		8.6																											
03/09/82		8.7																											
07/09/82		8.3	137.0	1611.1	4	2980		2	35					90							7.0	34							
08/09/82		8.6																											
09/09/82		8.4																											
10/09/82		8.6																											
13/09/82		8.4																											
14/09/82		8.4	52.0	5037.0	<1	2890		2	60					88							6.8	32							
15/09/82		8.4																											
16/09/82		8.5																											
17/09/82		8.6																											
20/09/82		8.5																											
21/09/82		8.5	33.3	633.3	1	3020		5	45					85							7.2	33							
22/09/82		8.3																											
23/09/82		8.2																											
24/09/82		8.4																											
27/09/82		8.2																											
28/09/82		8.3	111.1	715.0	<1	2870		9	35					84	4						7.6	32							
29/09/82		8.2																											
30/09/82		7.9																											
01/10/82		8.1																											
04/10/82		7.9																											
05/10/82		8.0	89.0	870.4	<1	3010		8	44					82							7.4	33							
06/10/82		8.1																											
07/10/82		7.8																											
08/10/82		8.1																											
12/10/82		7.9	74.1	1185.2	1	2700		11	38					77							12.0	33							
13/10/82		8.4																											
14/10/82		8.4																											
15/10/82		8.4																											
18/10/82		8.4	85.1	1307.7	1	2740		7	46					79							12.6	46							
20/10/82		7.8																											
21/10/82		8.4																											
22/10/82		8.4																											
25/10/82		8.4																								0			
26/10/82		8.7	102.0	1319.0	1	2770	0.34	8	44	0.21	<0.01	1250	<1	76	8	<0.02	0.02	219	0.08	450	12.4	43	<0.01			98	122	0.6	0.05
27/10/82		7.4																											
29/10/82		7.8																											
29/10/82		7.8																											
01/11/82		7.7																											
02/11/82		8.1	178.0	830.0	3	2780		15	38					72							12.2	39							
03/11/82		8.2																											
04/11/82		8.2																											
05/11/82		8.2																											
08/11/82		8.2																											
09/11/82		8.4	52.1	841.0	1	2690		4	42					73							12.3	42							
10/11/82		8.2																											
11/11/82		8.5																											
12/11/82		8.5																											
15/11/82		8.5																											
16/11/82		8.6	127.3	1194.0	2	2800		11	48					76							12.1	42							
17/11/82		8.5																											
18/11/82		8.5																											
19/11/82		8.5																											
22/11/82		8.4																											
23/11/82		8.5	96.0	800.0	1	2640		4	55					77							11.5	42			0				

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNH3FR	CUUT	FC	TCMF	KKUR	NAUR	BAUT	PPUT
24/11/82		8.5																											
25/11/82		8.5																											
26/11/82		8.6																											
29/11/82		8.5																											
30/11/82		8.6	78.0	867.0	1	2730		0	59					77	5						10.4	42							
01/12/82		8.5																											
02/12/82		8.6																											
03/12/82		8.6																											
06/12/82		8.6																											
07/12/82		8.6	207.4	1163.0	3	2630		8	71					80							10.0	42							
08/12/82		8.7																											
09/12/82		8.8																											
10/12/82		8.6																											
13/12/82		8.6																											
14/12/82		8.6	122.2	1004.0	2	2720		0	71					81							10.6	47							
15/12/82		8.7																											
16/12/82		8.8																											
17/12/82		8.7																											
20/12/82		8.5																							0	0			
21/12/82		8.7	70.4	619.0	<1	2740		1	62					78							11.1	46							
22/12/82		8.7																											
23/12/82		8.7																											
28/12/82		8.4	93.0	1200.0	1	2720		0	93					79	3						11.3	48							
29/12/82		8.9																											
30/12/82		8.8																											

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DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SS04UR	NNTKUR	NNO3FR	NNO2FR	CDUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	ICMF	KKUR	BAUT
05/01/82		10.5	204.0		<1	1220	0.04	0	140					9								8					
06/01/82		10.8																									
07/01/82		10.4																									
08/01/82	0.0	10.7																									
11/01/82	0.0	10.6																									
12/01/82	0.0	10.7	211.1		1	1270	0.02	0	220					10								9					
13/01/82	0.0	10.6																									
14/01/82	0.0	10.6																									
15/01/82	0.0	10.5																									
18/01/82	0.0	10.7																									
19/01/82	0.0	10.7	189.0		2	1310	0.04	0	230					9								9					
20/01/82	0.0	10.6																									
21/01/82	0.0	10.6																									
22/01/82	0.0	10.6																									
25/01/82	0.0	10.7																									
26/01/82	0.0	10.7	352.0	485.2	3	1330	0.24	0	227					11								11					
27/01/82	0.0	10.8																									
28/01/82	0.0	10.8																									
29/01/82	0.0	10.6																									
01/02/82	0.0	10.9																									
02/02/82	0.0	10.7	289.0		<1	1390	0.04	0	280					8								8					
03/02/82	0.0	10.7																									
04/02/82	0.0	10.8																									
05/02/82	0.0	10.7																									
08/02/82	0.0	10.6																									
09/02/82	0.0	10.7	330.0		3	1400	0.06	0	270					9								9					
10/02/82	0.0	10.7																									
11/02/82	0.0	10.7																									
12/02/82	0.0	10.7																									
16/02/82	0.0	10.7	241.0		9	1400	0.04	0	250					9								10					
17/02/82	0.0	11.0																									
18/02/82	0.0	10.5																									
19/02/82	0.0	10.7																									
22/02/82	0.0	10.7																									
23/02/82	0.0	10.7	259.3	274.1	3	1430	0.26	0	275					9								11					
24/02/82	0.0	10.5																									
25/02/82	0.0	10.7																									
26/02/82	0.0	10.5																									
01/03/82	0.0	10.3																									
02/03/82	0.0	10.4	167.0		<1	1460	0.12	0	280					10								10					
03/03/82	0.0	10.1																									
04/03/82	0.0	10.3																									
05/03/82	0.0	10.3																									
08/03/82	0.0	10.5																									
09/03/82	0.0	10.7	107.4		<1	1460	0.14	0	350					9								11					
10/03/82	0.0	10.4																									
11/03/82	0.0	10.5																									
12/03/82	0.0	10.4																									
15/03/82	0.01	10.3																									
16/03/82	0.02	10.3	167.0		2	1210	0.14	0	180					7								6					
17/03/82	0.02	10.0																									

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNH3FR	CUUT	FE	ICMF	KKUR	BAUT
18/03/82	0.02	10.2																									
19/03/82	0.02	10.3																									
22/03/82	0.02	10.6																									
23/03/82	0.02	10.5	122.2		1	830	0.26	0	130					6								6					
24/03/82	0.02	9.9																									
25/03/82	0.02	9.7																									
26/03/82	0.02	9.5																									
29/03/82	0.02	9.7																									
30/03/82	0.02	9.5	167.0	196.3	1	850	0.54	0	97					7								7					
31/03/82	0.01	9.5																									
01/04/82	0.08	9.8																									
02/04/82	0.06	9.8																									
05/04/82	0.05	9.5																									
06/04/82	0.05	9.9	148.2		1	510	<0.02	0	125					4								5					
07/04/82	0.06	10.0																									
08/04/82	0.04	10.1																									
12/04/82	0.06	10.3																									
13/04/82	0.05	9.9	178.0		<1	700	<0.02	0	100					4								5					
14/04/82	0.06	10.1																									
15/04/82	0.05	10.2																									
16/04/82	0.05	9.9																									
19/04/82	0.12	9.8																									
20/04/82	0.05	9.8	44.4		<1	420	<0.02	0	100					2								1					
21/04/82	0.03	10.0																									
22/04/82	0.03	10.4																									
23/04/82	0.03	10.0																									
26/04/82	0.12	9.9																									
27/04/82	0.08	9.5	44.4	167.0	<1	270	0.22	0	122					1								<1					
28/04/82	0.05	9.0																									
29/04/82	0.05	9.1																									
30/04/82	0.05	9.4																									
03/05/82	0.03	9.4																									
04/05/82	0.02	9.4	152.0		<1	286	0.10	0	118					1								1					
05/05/82	0.02	9.1																									
06/05/82	0.03	9.6																									
07/05/82	0.02	10.1																									
10/05/82	0.01	9.4																									
11/05/82	0.02	9.4	196.3		<1	364	0.06	0	95					3								2					
12/05/82	0.02	9.3																									
13/05/82	0.02	9.2																									
14/05/82	0.02	9.2																									
17/05/82	0.01	9.2																									
18/05/82	0.0	8.9	133.3		<1	578	0.06	2	35					4								2					
19/05/82	0.01	8.9																									
20/05/82	0.0	9.2																									
21/05/82	0.0	9.1																									
25/05/82	0.0	9.4	259.3	293.0	<1	736	0.24	2	46					6								2					
26/05/82	0.0	9.2																									
27/05/82	0.0	9.2																									
28/05/82	0.0	9.2																									
31/05/82	0.0	8.0																									
01/06/82	0.0	8.3	326.0		<1	770	0.04	3	45					5								2					
02/06/82	0.0	9.2																									
03/06/82	0.01	9.5																									
04/06/82	0.01	9.4																									
07/06/82	0.0	8.5																									
08/06/82	0.0	8.7	493.0		1	952	<0.02	1	39					7								<1					

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	TCMF	KKUR	BAUT
09/06/82	0.0	8.2																									
10/06/82	0.0	8.3																									
11/06/82	0.0	8.2																									
14/06/82	0.0	8.4																									
15/06/82	0.0	8.4	452.0		<1	912	<0.02	0	39					5								<1					
16/06/82	0.0	8.3																									
17/06/82	0.0	8.4																									
18/06/82	0.0	8.6																									
21/06/82	0.0	8.2																									
22/06/82	0.0	8.2	222.2		<1	878	<0.02	0	90					6								1					
23/06/82	0.0	8.3																									
24/06/82	0.0	8.3																									
25/06/82	0.0	8.3																									
28/06/82	0.0	8.2																									
29/06/82	0.0		311.1	393.0	<1	892	0.16	3	110					6								1					
30/06/82	0.0																										
01/07/82	0.0																										
05/07/82	0.0																										
06/07/82	0.0																										
07/07/82	0.0																										
08/07/82	0.0																										
09/07/82	0.0																										
12/07/82	0.0	7.9																									
13/07/82	0.0	7.9	444.4		<1	1060	0.80	2	76					5	1							<1					
14/07/82	0.0	8.1																									
15/07/82	0.0	8.2																									
16/07/82	0.01	8.0																									
19/07/82	0.0	7.7																									
21/07/82	0.0	8.4	700.0		5	1020	1.20	0	90					3								<1					
22/07/82	0.0																										
23/07/82	0.0																										
26/07/82	0.0																										
27/07/82	0.0																										
28/07/82	0.0																										
29/07/82	0.0																										
01/09/82	0.0																										
02/09/82	0.01	8.0																									
03/09/82	0.02	8.1																									
07/09/82	0.01	7.8	326.0		<1	1170	0.40	6	64					5								<1					
08/09/82	0.0	7.9																									
09/09/82	0.0	8.0																									
10/09/82	0.0	8.1																									
13/09/82	0.0	7.9																									
14/09/82	0.01	7.7	337.0		<1	1050	<0.02	1	66					4								<1					
15/09/82	0.02	8.0																									
16/09/82	0.0	7.8																									
17/09/82	0.02	8.3																									
20/09/82	0.0	8.3																									
21/09/82	0.03	9.0	341.0		<1	1050	<0.02	0	44					4								<1					
22/09/82	0.03	9.0																									
23/09/82	0.02	8.9																									
24/09/82	0.02	8.8																									
27/09/82	0.02	8.9																									
28/09/82	0.02	9.0	133.3	319.0	<1	860	0.20	0	40					3								<1					
29/09/82	0.01	8.6																									
30/09/82	0.01	8.2																									
01/10/82	0.01	8.0																									

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SS04UR	NNTKUR	NNO3FR	NNO2FR	CDUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FC	TCMF	KKUR	BAUT
04/10/82	0.01	7.9																									
05/10/82	0.0	8.4	70.4		<1	760	0.22	2	46					3								1					
06/10/82	0.0	8.0																									
07/10/82	0.02	8.2																									
08/10/82	0.05	9.0																									
12/10/82	0.02	8.8	137.0		<1	650	0.22	3	50					3								<1					
13/10/82	0.02	9.7																									
14/10/82	0.02	9.8																									
15/10/82	0.02	9.9																									
18/10/82	0.02	9.9																									
19/10/82	0.02	9.4	130.0		<1	640	0.14	0	51					3								2					
20/10/82	0.03	8.8																									
21/10/82	0.10	10.0																									
22/10/82	0.05	9.7																									
25/10/82	0.02	9.6																									
26/10/82	0.02	9.3	167.0	193.0	<1	480	0.20	0	60	0.01	<0.01	190		2	<1	<0.02	0.003	59	<0.005	58	1.2	<1	<0.01			4.2	0.7
27/10/82	0.01	9.3																									
28/10/82	0.01	9.2																									
29/10/82	0.01	9.1																									
01/11/82	0.01	9.0																									
02/11/82	0.01	9.4	174.1		<1	440	0.04	0	63					2								2					
03/11/82	0.01	9.5																									
04/11/82	0.01	9.3																									
05/11/82	0.01	9.4																									
08/11/82	0.01	9.0																									
09/11/82	0.01	8.8	130.0		<1	480	0.06	0	42					2								<1					
10/11/82	0.01	8.8																									
11/11/82	0.01	9.7																									
12/11/82	0.02	9.6																									
15/11/82	0.02	9.5																									
16/11/82	0.02	9.3	137.0		<1	560	0.10	0	48					2								1					
17/11/82	0.02	9.2																									
18/11/82	0.02	9.2																									
19/11/82	0.02	9.3																									
22/11/82	0.03	8.6																									
23/11/82	0.02	8.3	156.0		<1	460	0.24	0	46					3								1					
24/11/82	0.02	8.5																									
25/11/82	0.02	8.5																									
26/11/82	0.02	8.5																									
29/11/82	0.02	8.3																									
30/11/82	0.02	8.4	178.0		<1	950	0.08	0	44					3	<1							1					
01/12/82	0.02	8.4																									
02/12/82	0.02	8.3																									
03/12/82	0.02	8.3																									
06/12/82	0.06	9.3																									
07/12/82	0.03	10.2	111.1		<1	438	0.10	2	59					3								2					
08/12/82	0.08	10.1																									
09/12/82	0.02	10.0																									
10/12/82	0.02	10.0																									
13/12/82	0.01	9.8																									
14/12/82	0.01	9.8	70.4		<1	504	0.02	0	59					3								1					
15/12/82	0.0	9.8																									
16/12/82	0.0	10.0																									
17/12/82	0.0	10.4																									
20/12/82	0.01	10.2																									
21/12/82	0.01	10.1	144.4			496	0.02	0	60					3								1					
22/12/82	0.01	10.3																									

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	TCMF	KKUR	BAUT
23/12/82	0.0	10.6																									
28/12/82		9.2	104.0	137.0	<1	462	0.10	0	53					2								1					
29/12/82	0.08	9.1																									
30/12/82	0.03	10.1																									

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DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FC	TCMF	KKUR	PPUT
05/01/82	0.20																										
06/01/82	0.22																										
07/01/82	0.24																										
08/01/82	0.25																										
11/01/82	0.34																										
12/01/82	0.34																										
13/01/82	0.36																										
14/01/82	0.35																										
15/01/82	0.35																										
18/01/82	0.39																										
19/01/82	0.39																										
20/01/82	0.39																										
21/01/82	0.39																										
22/01/82	0.39																										
25/01/82	0.39																										
26/01/82	0.49	7.1		19.0		62		9	5					<1								<1					
27/01/82	0.49																										
28/01/82	0.49																										
29/01/82	0.49																										
01/02/82	0.90																										
02/02/82	0.88																										
03/02/82	1.18																										
04/02/82	1.16																										
05/02/82	1.11																										
08/02/82	0.98																										
09/02/82	0.92																										
10/02/82	0.86																										
11/02/82	0.86																										
12/02/82	0.83																										
16/02/82	0.72																										
17/02/82	1.68																										
18/02/82	1.70																										
19/02/82	1.59																										
22/02/82	1.32																										
23/02/82	1.25	7.2		19.0		22		2	11					<1								11					
24/02/82	1.19																										
25/02/82	1.13																										
26/02/82	1.07																										
01/03/82	0.99																										
02/03/82	0.94																										
03/03/82	0.89																										
04/03/82	0.85																										
05/03/82	0.83																										
08/03/82	0.75																										
09/03/82	0.74																										
10/03/82	0.72																										
11/03/82	0.71																										
12/03/82	1.67																										
15/03/82	2.50																										
16/03/82	2.33																										
18/03/82	2.28																										

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUI	ACDI	ALKI	MNUI	ZNUI	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUI	PBUI	CLIDUR	NIUI	CAUR	MGUR	NNHIFR	CUUI	FCMF	ICMF	KKUR	PPUI
19/03/82	4.07																										
22/03/82	3.04																										
23/03/82	2.76																										
24/03/82	2.78																										
25/03/82	2.74																										
26/03/82	2.54																										
29/03/82	2.03																										
30/03/82	1.86	6.3		<7.4		72		1	12					<1								<1					
31/03/82	2.18																										
01/04/82	2.43																										
02/04/82	2.30																										
05/04/82	3.04																										
06/04/82	3.02																										
07/04/82	2.97																										
08/04/82	2.92																										
12/04/82	2.61																										
13/04/82	3.02																										
14/04/82	2.95																										
15/04/82	2.91																										
16/04/82	3.00																										
19/04/82	4.02																										
20/04/82	4.21																										
21/04/82	4.39																										
22/04/82	4.37																										
23/04/82	4.38																										
26/04/82	5.93																										
27/04/82	6.65	7.1		30.0		72		3	20					<1								<1					
28/04/82	7.24																										
29/04/82	7.40																										
30/04/82	7.63																										
03/05/82	7.88																										
04/05/82	7.73																										
05/05/82	7.55																										
06/05/82	7.51																										
07/05/82	7.42																										
10/05/82	6.59																										
11/05/82	6.50																										
12/05/82	6.36																										
13/05/82	6.04																										
14/05/82	5.74																										
17/05/82	4.98																										
18/05/82	1.87																										
19/05/82	1.04																										
20/05/82	1.15																										
21/05/82	1.24																										
25/05/82	1.24	6.0		11.1		12		0	10					<1								<1					
26/05/82	0.80																										
27/05/82	0.73																										
28/05/82	0.76																										
31/05/82	0.73																										
01/06/82	0.83																										
02/06/82	0.61																										
03/06/82	0.83																										
04/06/82	1.36																										
07/06/82	1.43																										
08/06/82	1.36																										
09/06/82	1.31																										

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNH3FR	CUUT	FC	ICMF	KKUR	PPUT
10/06/82	1.32																										
11/06/82	1.32																										
14/06/82	1.22																										
15/06/82	1.20																										
16/06/82	1.17																										
17/06/82	1.16																										
18/06/82	1.13																										
21/06/82	1.11																										
22/06/82	1.10																										
23/06/82	1.09																										
24/06/82	1.09																										
25/06/82	1.08																										
28/06/82	0.99	6.2		11.1		86		2	11					<1								<1					
29/06/82	0.97																										
30/06/82	0.94																										
01/07/82	0.89																										
05/07/82	0.82																										
06/07/82	0.80																										
07/07/82	0.84																										
08/07/82	0.77																										
09/07/82	0.76																										
12/07/82	0.80																										
13/07/82	0.75																										
14/07/82	0.78																										
15/07/82	0.78																										
16/07/82	0.85																										
19/07/82	0.81																										
21/07/82	0.76																										
22/07/82	0.73																										
23/07/82	0.71																										
26/07/82	0.74																										
27/07/82	0.64	7.6		7.4		32		2	12					<1								<1					
28/07/82	0.64																										
03/08/82	0.55																										
04/08/82	0.27																										
05/08/82	0.24																										
06/08/82	0.26																										
09/08/82	0.70																										
10/08/82	0.50																										
11/08/82	1.10																										
12/08/82	0.83																										
16/08/82	0.60																										
17/08/82	0.56																										
18/08/82	0.34																										
19/08/82	0.84																										
20/08/82	0.74																										
23/08/82	0.53																										
24/08/82	0.27	7.5		7.4		40	<0.02	1	15	<0.02	0.01	5		<1		<0.02	0.005	1	<0.01	3.4	0.57	1	0.01			0.18	<0.01
25/08/82	0.36																										
26/08/82	0.38																										
27/08/82	0.30																										
30/08/82	0.23																										
31/08/82	0.20																										
01/09/82	0.24																										
02/09/82	0.29																										
03/09/82	0.29																										
07/09/82	0.48																										

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSD4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	CMF	KKUR	PPUT
08/09/82	0.20																										
09/09/82	0.17																										
10/09/82	0.22																										
13/09/82	0.29																										
14/09/82	0.20																										
15/09/82	0.29																										
16/09/82	0.24																										
17/09/82	0.20																										
20/09/82	0.27																										
21/09/82	0.27																										
22/09/82	0.26																										
23/09/82	0.25																										
24/09/82	0.29																										
27/09/82	0.66	7.7		15.0		74		3	12					<1									<1				
28/09/82	0.70																										
29/09/82	1.44																										
30/09/82	1.44																										
01/10/82	2.30																										
04/10/82	2.87																										
05/10/82	1.85																										
06/10/82	1.86																										
07/10/82	2.33																										
08/10/82	2.59																										
12/10/82	2.59																										
13/10/82	2.69																										
14/10/82	2.77																										
15/10/82	2.89																										
18/10/82	3.57																										
19/10/82	3.37																										
20/10/82	4.02																										
21/10/82	6.16																										
22/10/82	6.08																										
25/10/82	5.35																										
26/10/82	5.08	7.9		7.4		78		2	12					<1	<1								<1				
27/10/82	4.81																										
28/10/82	4.54																										
29/10/82	4.35																										
01/11/82	3.68																										
02/11/82	3.58																										
03/11/82	3.46																										
04/11/82	3.38																										
05/11/82	3.27																										
08/11/82	2.87																										
09/11/82	2.61																										
10/11/82	2.47																										
11/11/82	0.64																										
12/11/82	1.92																										
15/11/82	1.46																										
16/11/82	0.45																										
17/11/82	0.55																										
18/11/82	0.39																										
19/11/82	0.43																										
22/11/82	3.24																										
23/11/82	3.40																										
24/11/82	3.36																										
25/11/82	3.22																										
26/11/82	3.22																										

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	CDUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FC	TCMF	KKUR	PPUT
29/11/82	5.17	6.8		15.0		34		2	17					<1								<1					
30/11/82	4.81																										
01/12/82	4.58																										
02/12/82	4.29																										
03/12/82	4.31																										
06/12/82	4.49																										
07/12/82	4.42																										
08/12/82	4.25																										
09/12/82	4.09																										
10/12/82	3.98																										
13/12/82	3.91																										
14/12/82	3.46																										
15/12/82	3.46																										
16/12/82	3.30																										
20/12/82	3.24																										
21/12/82		6.5		11.1		24		1	16					<1								<1					
28/12/82	3.48																										
30/12/82	4.09																										

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DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	CDUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FC	TCMF	KKUR	PPUT
26/01/82		9.9		648.2		1020		0	180					38	<1							23					
23/02/82		9.0		563.0		562		0	130					19	<1							11					
30/03/82		8.1		437.0		430		2	40					14	<1							7					
27/04/82		7.2		804.0		330		4	23					9	<1							4					
25/05/82		7.2		167.0		508		3	18					15	1							7					
28/06/82		7.1		252.0		712		4	22					23	2							8					
27/07/82		7.5		159.3		888		4	14					26	3							11					
24/08/82		7.7		107.4		986	<0.02	2	36	0.02	0.02	475		26	3	<0.02	<0.005	58	0.02	170	2.93	9	0.01			30	<0.01
27/09/82		7.4		141.0		750		4	24					20	2							6					
26/10/82		7.7		174.1		300		4	16					7								4					
29/11/82		6.4		115.0		210		4	19					6	<1							3					
21/12/82		6.3		78.0		364		4	20					12	<1							5					

DENISON MINES LIMITED STATION: D-6

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	CDUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FC	TCMF
24/08/82		6.5		37.0		108						25		<1				10				<1			

DENISON MINES LIMITED STATION: D-9

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	TCMF
28/06/82	0.0	7.3	19.0			300		6	130																
27/07/82		7.5	7.4			374		5	155																
25/08/82		7.1		33.3		354		0	164																
27/09/82	0.01	7.0	48.2			180		7	93																
26/10/82	0.0	7.0	19.0			240			115																

DENISON MINES LIMITED STATION: D-10

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	TCMF	KKUR	NAUR	BAUT	PPUT
28/01/82		6.1		89.0		272						160		9	<1							4							
17/03/82		6.2		119.0		240		2	8			145		8	<1							3							
04/05/82		6.2		100.0		266		4	10			140		8	<1							3							
23/07/82		6.1		78.0		334		4	10			155		8	<1							4							
29/09/82		6.1		82.0		324	<0.02	3	10	0.17	<0.01	137		10	<1	<0.02	<0.002	15	0.02	66	1.85	4	<0.01			12.3	8.4	<0.2	0.01
09/11/82		5.9		104.0		420		4	23			170		10	<1							4							

DENISON MINES LIMITED STATION: D-13

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	TCMF
26/01/82	0.01	7.3																							
23/02/82	0.01	7.1																							
30/03/82	0.01	7.2																							
27/04/82	0.02	6.8																							
25/05/82	0.01	6.3																							
28/06/82	0.01	6.2																							
27/07/82	0.01	6.9																							
25/08/82	0.01	6.7		174.1		2020		8	77																
27/09/82	0.01	6.5																							
25/10/82	0.01	6.3		141.0		1780		16	89																
29/11/82	0.01	6.2																							
21/12/82	0.01	7.1																							

DENISON MINES LIMITED STATION: DS-1

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	F	F	TCMF
05/01/82	0.06	11.3																								
06/01/82	0.05	11.3																								
07/01/82	0.05	10.6																								
08/01/82	0.05	10.9																								
11/01/82	0.03	11.1																								
12/01/82	0.03	11.3																								
13/01/82	0.03	11.2																								
14/01/82	0.03	11.2																								
15/01/82	0.03	11.1																								
18/01/82	0.05	11.2																								
19/01/82	0.03	11.1																								
20/01/82	0.03	11.2																								
21/01/82	0.03	11.2																								
22/01/82	0.03	11.3																								
25/01/82	0.03	11.2																								
26/01/82	0.03	11.2		15.0		2510	1.90	0	350															<40	<40	
27/01/82	0.03	11.3																								
28/01/82	0.03	11.2																								
29/01/82	0.05	11.2																								
01/02/82	0.03	11.3																								
02/02/82	0.03	11.2																								
03/02/82	0.03	11.2																								
04/02/82	0.03	11.2																								
05/02/82	0.05	11.3																								
08/02/82	0.03	11.2																								
09/02/82	0.03	11.2																								
10/02/82	0.03	11.2																								
11/02/82	0.03	11.1																								
12/02/82	0.03	11.2																								
16/02/82	0.03	11.3																								
17/02/82	0.04	11.2																								
18/02/82	0.04	11.2																								
19/02/82	0.04	11.2																								
23/02/82	0.05	11.3		15.0		2290	0.12	0	400															0	0	
24/02/82	0.05	11.2																								
25/02/82	0.03	11.4																								
26/02/82	0.03	11.1																								
01/03/82	0.03	11.0																								
02/03/82	0.03	11.1																								
03/03/82	0.03	11.1																								
04/03/82	0.03	11.2																								
05/03/82	0.05	11.0																								
08/03/82	0.05	11.2																								
09/03/82	0.05	11.3																								
10/03/82	0.05	11.2																								
11/03/82	0.03	11.2																								
12/03/82	0.05	11.0																								
15/03/82	0.07	11.3																								
16/03/82	0.07	11.4																								
17/03/82	0.07	11.3																								
18/03/82	0.05	11.4																								

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	TCMF
19/03/82	0.06	11.3																							
22/03/82	0.06	11.6																							
23/03/82	0.06	11.5																							
24/03/82																									
25/03/82	0.06	11.2																							
26/03/82	0.05	11.2																							
29/03/82	0.05	11.5																							
30/03/82	0.05	11.4		15.0			2540	0.08	0	590															
31/03/82	0.07	11.3																							
01/04/82	0.11	11.3																							
02/04/82	0.09	11.3																							
05/04/82	0.11	7.3																							
06/04/82	0.22	11.1																							
07/04/82	0.13	10.9																							
08/04/82	0.09	11.2																							
12/04/82	0.09	10.4																							
13/04/82	0.13	7.1																							
14/04/82	0.13	10.5			79																				
15/04/82	0.13	10.6																							
16/04/82	0.15	10.5			52																				
19/04/82	0.17	10.7			13																				
20/04/82	0.15	10.7			33																				
21/04/82	0.13	10.8																							
22/04/82	0.13	11.3			18																				
23/04/82	0.17	11.7			53																				
26/04/82	0.18	10.4																							0
27/04/82	0.18	10.6		52.0			700	0.10	0	240															
28/04/82	0.18	10.0																							
29/04/82	0.18	10.4																							
30/04/82	0.18	10.6																							
03/05/82	0.11	10.6																							
04/05/82	0.09	10.0																							
05/05/82	0.06	10.3																							
06/05/82	0.07	11.1																							
07/05/82	0.06	11.1																							
10/05/82	0.04	11.3																							
11/05/82	0.05	11.3																							
12/05/82	0.05	11.4																							
13/05/82	0.05	11.1																							
14/05/82	0.05	11.1																							
17/05/82	0.02	11.4																							
18/05/82	0.02	11.1																							
19/05/82	0.02	10.8																							
20/05/82	0.02	12.1																							
21/05/82	0.02	12.0																							
25/05/82	0.01	11.2		22.2			2420	<0.02	0	120															0
26/05/82	0.01	11.6																							
27/05/82	0.01	11.5																							
28/05/82	0.01	11.5																							
31/05/82	0.0	11.2																							
01/06/82	0.03	11.2																							
02/06/82	0.03	10.7																							
03/06/82	0.01	10.6																							
04/06/82	0.01	10.4																							
07/06/82	0.0	10.0																							
08/06/82	0.0	9.8																							
09/06/82	0.0	9.3																							

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNH3FR	CUUT	FI	F	TCMF
10/06/82	0.01	9.3																								
11/06/82	0.01	9.1																								
14/06/82	0.0	7.1																								
15/06/82	0.0	7.8																								
16/06/82	0.0	7.8																								
17/06/82	0.0	8.0																								
18/06/82	0.0	8.5																								
21/06/82	0.01	7.4																								
22/06/82	0.02	7.7																							0	0
23/06/82	0.02	7.6																								
24/06/82	0.02	7.8																								
25/06/82	0.02	7.9																								
28/06/82	0.0	7.9		33.3		2480	0.02	15	28																	
29/06/82	0.0	7.9																								
30/06/82	0.0	8.0																								
01/07/82	0.0	8.3																								
05/07/82	0.0	8.7																								
06/07/82	0.0	9.0																								
07/07/82	0.0	8.8																								
08/07/82	0.0	9.9																								
09/07/82	0.0	10.1																								
12/07/82	0.0	10.3																								
13/07/82	0.0	10.2																								
14/07/82	0.02	10.0																								
15/07/82	0.02	9.9																								
16/07/82	0.02	9.3																								
19/07/82	0.01	8.5																								
21/07/82	0.0	7.7																								
22/07/82	0.0	8.3																								
23/07/82	0.0	8.1																								
26/07/82	0.0	8.6																								
27/07/82	0.0	8.7		33.3		2930	0.08	0	29																0	0
28/07/82	0.0	8.7																								
29/07/82	0.0	8.7																								
03/08/82	0.0	8.3																								
04/08/82	0.0	8.7																								
05/08/82	0.0	8.8																								
06/08/82	0.0	8.9																								
09/08/82	0.01	8.9																								
10/08/82	0.01	9.7																								
11/08/82	0.01	9.2																								
12/08/82	0.0	9.4																								
13/08/82	0.0	9.3																								
16/08/82	0.0	9.0																								
17/08/82	0.0	9.1																								
18/08/82	0.0	8.8																								
19/08/82	0.0	9.0																								
20/08/82	0.0	9.1																								
23/08/82	0.01	9.2																								
24/08/82	0.0	10.0																							0	0
25/08/82	0.0	10.0		15.0		3080	<0.02	0	28																	
26/08/82	0.0	9.9																								
27/08/82	0.01	9.8																								
30/08/82	0.0	10.1																								
31/08/82	0.0	10.1																								
01/09/82	0.01	9.9																								
02/09/82	0.03	10.0																								

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	INUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FCMF	CMF
03/09/82	0.05	9.9																							
07/09/82	0.04	9.1																							
08/09/82	0.03	4.8																							
09/09/82	0.03	4.0						27																	
10/09/82	0.0	4.2																							
11/09/82	0.0	4.2																							
13/09/82	0.0	4.2						23																	
14/09/82	0.11	4.4						23	12																
15/09/82	0.11	8.2																							
16/09/82	0.11	9.9																							
17/09/82	0.11	10.0																							
20/09/82	0.11	9.7																							
21/09/82	0.30	9.9																							
22/09/82	0.11	8.8																							
23/09/82	0.11	6.6																							
24/09/82	0.11	7.5																							
27/09/82	0.11	4.1		26.0		2640	2.48	18	11															0	0
28/09/82	0.11	4.8																							
29/09/82	0.11	4.1						66	0																
30/09/82	0.11	3.4						72	0																
01/10/82	0.11	4.1					6.0	58	2																
02/10/82	0.04	4.1					3.0	42	11																
03/10/82	0.04	3.7					4.4	63	0																
04/10/82	0.04	3.4					3.6	64	0																
05/10/82	0.04	3.6																							
06/10/82	0.04	3.6					4.0	62	0																
07/10/82	0.30	6.2					4.0	0	52																
08/10/82	0.11	5.9																							
09/10/82		5.2																							
11/10/82		8.6																							
12/10/82	0.11	8.8																							
13/10/82	0.11	7.8																							
14/10/82	0.13	8.7																							
15/10/82	0.13	8.7																							
18/10/82	0.06	7.1																							
19/10/82	0.06	6.3																							
20/10/82	0.30	8.3																							
21/10/82	0.22	6.3																							
22/10/82	0.11	6.8																							
25/10/82	0.11	7.2																						0	0
26/10/82	0.05	8.2		41.0		2350	0.32	0	30																
27/10/82	0.05	8.5																							
28/10/82	0.05	8.8																							
29/10/82	0.05	9.0																							
01/11/82	0.05	8.4																							
02/11/82	0.05	9.0																							
03/11/82	0.05	9.0																							
04/11/82	0.05	8.9																							
05/11/82	0.05	8.9																							
08/11/82	0.05	7.7																							
09/11/82	0.05	5.2																							
10/11/82	0.07	5.3																							
11/11/82	0.07	5.3																							
12/11/82	0.18	7.2																							
15/11/82	0.10	8.3																							
16/11/82	0.09	8.6																							
17/11/82	0.07	8.5																							

DATE	FWFLOW	PH	RA226F	RA226I	RSP	RSF	FEUI	ACDI	ALKI	MNUI	ZNUI	SSD4UR	NNTKUR	NNO3FR	NNO2FR	COUI	PBUI	CLIDUR	NIUI	CAUR	MGUR	NNH3FR	CUUI	FCI	ICMF
18/11/82	0.07	8.5																							
19/11/82	0.07	8.6																							
22/11/82	0.13	4.8																							
23/11/82	0.11	4.0																						0	0
24/11/82	0.09	4.6																							
25/11/82	0.07	4.9																							
26/11/82	0.06	5.9																							
29/11/82	0.06	5.8		137.0		2100	1.86	3	34																
30/11/82	0.05	5.8					1.30	8	17																
01/12/82	0.07	5.9																							
02/12/82	0.07	6.6						5	19																
03/12/82	0.11	6.7						3	23																
06/12/82	0.22	10.7						0	83																
07/12/82	0.11	10.6																							
08/12/82	0.11	10.8																							
09/12/82	0.11	10.8																							
10/12/82	0.09	10.8																							
13/12/82	0.05	10.8																							
14/12/82	0.05	10.7																							
15/12/82	0.03	10.8																							
16/12/82	0.03	10.8																							
17/12/82	0.03	10.9																							
20/12/82	0.05	10.7																						0	0
21/12/82	0.05	10.8		33.3		2024	0.08	0	76																
22/12/82	0.05	10.8																							
23/12/82	0.05	10.8																							
28/12/82	0.13	10.7																							
29/12/82	0.13	11.4																							
30/12/82	0.09	11.4																							

DENISON MINES LIMITED STATION: DS-4

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSO4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUS	MGUR	NNHTFR	CUUT	FCME	TCNF	KKUR	NAUR	BAUT	PPUT
28/01/82		10.9		70.4	21	2160	0.50							7								3							
23/02/82		10.9		67.0	1	2210	0.24	0	340					7								5							
15/03/82		11.4																											
22/03/82		10.9		30.0	11	2350	0.46	0	430					7	<1							6							
06/04/82		10.5																											
07/04/82		10.4																											
08/04/82		10.4																											
14/04/82		10.4																											
15/04/82		10.5																											
19/04/82		10.3																											
26/04/82		10.7		174.1	3	760	0.24	0	140	0.02	<0.01	400		1	<1	0.24	<0.005	63	<0.04	208	0.20	2	0.01		1.19	14.4	<0.2	0.01
27/05/82		11.4		96.3	<1	1070	0.02	0	90					1								2							
24/06/82		9.0		119.0	<1	1580	<0.02	8	35					3								1							
27/07/82		8.1		119.0	<1	2250	1.06	2	32					5								1							
25/08/82		7.9		230.0	<1	2320	0.38	3	30	0.06	0.02	1090		5	<1	<0.02	0.030	541	<0.01	280	2.56	2	[illegible]		5.6	140	[illegible]	[illegible]
09/09/82		7.7																											
10/09/82		7.9																											
14/09/82		8.0																											
23/09/82		7.9																											
27/09/82		7.8			<1	2480	0.34	4	32																				
30/09/82		7.2						4	17																				
01/10/82		8.1						4	20																				
02/10/82		8.4						0	26																				
03/10/82		8.9						0	29																				
04/10/82		9.3																											
05/10/82		9.0																											
06/10/82		9.1																											
07/10/82		9.7																											
08/10/82		10.4																											
12/10/82		10.5																											
26/10/82		11.5		89.0	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12/[illegible]/82		[illegible]																											
27/10/82		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]								[illegible]							
29/[illegible]/82		[illegible]																											
30/[illegible]/82		[illegible]																											
01/[illegible]/82		[illegible]																											
04/[illegible]/82		[illegible]																											
15/[illegible]/82		10.5						[illegible]	[illegible]																				
08/12/82		11.1						[illegible]	[illegible]																				
20/12/82		11.5		74.1	1	[illegible]	[illegible]	[illegible]	50					5								5							

DENISON MINES LIMITED STATION: PEC I

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSD4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FI	F	TCMF
27/01/82		6.1		104.0		216	0.02	2	10			70		<1								<1				
16/03/82		6.4		152.0		176		2	11			85		<1								<1				
08/05/82		6.3		148.2		196	0.10	12	12			63		<1								<1				
23/07/82		6.2		107.4		270	<0.02	2	12			66		1								<1				
29/09/82		6.4		122.2		142	0.02	1	14			50		<1								<1				
09/11/82		6.4		141.0		210	0.14	4	22			35		<1								1				

DENISON MINES LIMITED STATION: PEC O

DATE	FWFLOW	PH	RA226F	RA226T	RSP	RSF	FEUT	ACDT	ALKT	MNUT	ZNUT	SSD4UR	NNTKUR	NNO3FR	NNO2FR	COUT	PBUT	CLIDUR	NIUT	CAUR	MGUR	NNHTFR	CUUT	FI	F	TCMF
27/01/82		6.0		78.0		250	0.06	2	9			90		5								1				
16/03/82		6.3		137.0		238		1	9			90		4								1				
08/05/82		6.1		115.0		234	0.04	9	9			84		5								1				
23/07/82		6.0		48.2		306	0.04	0	16			94		5								1				
29/09/82		6.0		119.0		194	<0.02	2	10			80		5								1				
09/11/82		5.6		104.0		260	0.14	2	24			40		6								2				

TOWN OF ELLIOT LAKE

TOWN OF ELLIOT LAKE STATION: ELSTP

DATE	BOD	SS	Cl2Res
01/01/82	60	29	1.8
02/01/82	74	36	1.9
03/01/82	55	30	2.0
04/01/82	78	51	1.0
05/01/82	40	40	2.0
06/01/82	52	61	1.3
07/01/82	52	46	1.3
08/01/82		53	1.1
09/01/82	33	12	
10/01/82	55	18	
11/01/82	53	19	1.7
12/01/82	32	32	1.8
13/01/82	33	32	1.9
14/01/82	58	26	2.7
15/01/82	43	16	
16/01/82	34		
17/01/82	27		
18/01/82	32	42	0.4
19/01/82	25	15	0.5
20/01/82	18	15	
21/01/82	19	19	1.5
22/01/82	18	23	
24/01/82	44		
25/01/82	33	29	1.4
26/01/82	31	33	1.0
27/01/82	17	20	1.2
28/01/82	15	22	1.1
29/01/82	34	21	1.1
30/01/82	22		
31/01/82	24		
01/02/82	31	22	0.7
02/02/82	23	33	0.7
03/02/82	22	16	3.4
04/02/82	30	26	1.0
05/02/82	21	24	0.6
06/02/82	10	20	
07/02/82	19	22	
08/02/82	15	19	0.7
09/02/82	25	37	0.8
10/02/82	23	31	0.9
11/02/82	28	29	0.7
12/02/82	34	18	0.8
15/02/82	24	19	1.5
16/02/82	18	20	0.9
17/02/82	20	21	0.9
18/02/82	31	27	0.9
19/02/82	15	15	1.5
20/02/82	15	21	
21/02/82	15	23	
22/02/82	18	18	0.8
23/02/82	25	17	1.5

DATE	BOD	SS	Cl2Res
24/02/82	21	22	3.5
25/02/82	19	19	3.5
26/02/82	19	16	1.0
27/02/82	20		
28/02/82	25		
01/03/82		21	1.7
02/03/82	14	14	1.0
03/03/82	18	21	1.9
04/03/82	11	21	1.5
05/03/82	17	24	2.4
07/03/82	16	10	
08/03/82	6	8	
09/03/82	11	22	1.1
10/03/82	10	16	2.8
11/03/82	19	16	1.8
12/03/82	16		1.8
13/03/82	17		
14/03/82	11		
15/03/82	7	18	2.7
16/03/82	7	19	2.2
17/02/82	15	24	3.3
18/03/82	15	23	2.3
19/03/82	10	25	1.2
20/03/82	9		
21/03/82	11		
22/03/82	10	14	2.6
23/03/82	13	16	2.1
24/03/82	12	15	
25/03/82	10	13	1.0
26/03/82		16	0.8
27/03/82	7		
28/03/82	7		
29/03/82	10	13	1.1
30/03/82	15	18	
31/03/82	10	18	
01/04/82	12	10	
02/04/82	10	9	1.3
03/04/82	18	29	2.1
04/04/82	10	12	2.7
05/04/82	10	11	0.8
06/04/82	12	6	0.8
07/04/82	8	10	1.0
08/04/82	13	14	1.3
12/04/82	5	8	1.7
13/04/82	5	17	1.5
14/04/82	10	10	1.1
15/04/82	8	11	1.1
16/04/82	8	8	
17/04/82	11		
18/04/82	12		
19/04/82	9	9	1.2
20/04/82	17	8	1.1
21/04/82	8	6	1.0
22/04/82	17	15	0.8
23/04/82	28	31	
24/04/82	7		
25/04/82	7		

DATE	BOD	SS	Cl2Res
26/04/82	15	8	1.7
27/04/82	8	11	1.9
28/04/82	13	14	1.2
29/04/82	13	16	1.1
30/04/82	6	10	1.2
01/05/82	12	12	1.3
02/05/82	10	6	1.4
03/05/82	18	10	1.7
04/05/82	25	14	1.4
05/05/82		14	1.1
06/05/82	19	18	1.7
07/05/82	13	14	1.5
08/05/82	10		
09/05/82	7		
10/05/82		14	1.2
11/05/82	15	10	1.0
12/05/82	13	11	1.1
13/05/82	22	14	2.0
14/05/82	9	21	1.6
15/05/82	10	7	1.5
16/05/82	10	6	1.6
17/05/82		21	1.6
18/05/82	9	15	1.8
19/05/82	10	15	
20/05/82	11	6	1.9
21/05/82			1.8
22/05/82	11	7	1.2
23/05/82	14	9	1.6
24/05/82	7		
25/05/82	17	22	0.9
26/05/82	13	14	1.4
27/05/82	9	18	1.9
28/05/82	2	12	1.6
31/05/82		13	1.7
01/06/82		14	1.4
02/06/82	8	11	1.5
03/06/82	8	12	1.5
04/06/82	9	15	1.4
07/06/82		16	1.1
08/06/82		13	1.1
09/06/82	5	5	1.5
10/06/82	5	9	1.3
11/06/82	2	5	1.5
14/06/82		6	1.5
15/06/82		4	1.6
16/06/82	2	3	1.8
17/06/82	7	6	1.7
18/06/82	2	3	1.8
21/06/82		12	1.0
22/06/82		11	1.7
23/06/82	5	8	1.6
24/06/82	3	3	1.5
25/06/82	1	2	0.9
26/06/82			1.0
28/06/82		3	1.9
29/06/82		11	3.0
30/06/82	15	12	2.4

DATE	BOD	SS	C12Res
01/07/82		5	1.8
04/07/82		4	1.1
05/07/82		3	1.4
06/07/82		10	1.4
07/07/82	2	2	1.2
08/07/82	2	4	1.9
09/07/82	5	4	1.2
12/07/82		12	1.4
13/07/82		12	1.0
14/06/82	7	6	0.9
15/07/82	8	9	1.8
16/07/82	16	12	1.2
19/07/82		7	1.4
20/07/82		5	2.0
21/07/82		6	1.8
24/07/82		11	1.6
25/07/82		10	1.3
28/07/82	10	10	1.4
29/07/82	4	9	3.4
30/07/82	5	7	2.5
03/08/82		12	1.4
04/08/82	16	14	1.0
05/08/82	19	14	1.5
06/08/82	19	10	1.5
09/08/82		9	0.3
10/08/82		18	0.3
11/08/82	12	19	0.9
12/08/82	16	20	1.5
13/08/82	12	13	1.3
17/08/82			0.8
18/08/82	17	5	3.0
19/08/82	18	8	0.9
23/08/82		8	1.9
24/08/82		19	0.9
25/08/82	18	20	0.9
26/08/82	17	7	1.7
27/08/82	9	5	1.5
30/08/82		3	1.3
31/08/82		7	1.2
01/09/82	10	13	1.0
02/09/82	12	27	
03/09/82	8	17	
07/09/82		21	0.95
08/09/82	31.5	10	1.0
09/09/82	9.4	8	0.70
10/09/82	18.1	4	0.60
14/09/82			0.85
17/09/82	28.2	19.7	0.49
20/09/82			1.16
21/09/82		10	0.83
22/09/82	12	10	0.69
23/09/82		11	2.06
24/09/82		11	1.43
27/09/82			0.76
28/09/82		22	0.89
29/09/82	9	7	1.08
30/09/82		3	1.23

DATE	BOD	SS	Cl2Res
01/10/82		6	1.16
04/10/82		2	1.16
05/10/82		3	1.07
06/10/82	16	19	0.84
07/10/82		21	0.81
12/10/82		14	1.36
13/10/82	14	9	1.45
14/10/82		14	0.92
15/10/82		9	0.71
18/10/82		9	0.77
19/10/82		3	0.98
20/10/82	6	4	0.64
21/10/82		4	0.80
25/10/82			0.70
26/10/82			0.35
27/10/82			1.00
28/10/82			0.75
29/10/82		11	0.70
01/11/82			0.60
02/11/82			0.75
08/11/82		3	0.50
09/11/82			1.20
10/11/82	9		
30/11/82		19	1.5
06/12/82		19.5	0.95
08/12/82		14	1.50
09/12/82			1.42
14/12/82		14	
15/12/82	6.8		
21/12/82		17	
28/12/82		8.7	1.25
29/12/82	4.0	19.7	1.40

TOWN OF ELLIOT LAKE

STATION: ELWTP

DATE	TurNTU	Mn	Fe	Colour	Hard	Ammon	pH	Alk
18/11/82	1.70							
23/11/82		.10	.06		27	.12	6.5	4.1
24/11/82		.13	.03		26	.05	6.4	3.1
25/11/82							5.9	
01/12/82		0.16	0.14		28.8	.05	6.3	1.5
03/12/82				15				
06/12/82	1.75			14	45.4		6.5	
07/12/82							6.2	
08/12/82		.16	.10	15	23.3	.03	6.4	
09/12/82				14	32.9		6.5	
10/12/82				14	20.0		6.9	
13/12/82	0.93			14			6.4	
14/12/82				14			6.5	
15/12/82				13			6.3	
17/12/82		0.16	0.10		26.9	.042	6.2	1.03
20/12/82				14	21.0		6.1	
21/12/82				13			6.5	
23/12/82				14			6.6	
26/12/82	0.80			15				
28/12/82	0.84			14	35.4		6.6	
29/12/82	0.72							
30/12/82	0.80	0.16	.08	14	27.7	.04	6.1	1.5

MINISTRY OF THE ENVIRONMENT - TECHNICAL SUPPORT

MOE TECH SUPPORT SUDBURY STATION: AL-1

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
18/05/82	2.680	2.2800	14.00	.050	.0240	.030	10.9	26.6	7.04	415.0	70.4	64.0	19.6	3.60	43.00	4.98	96.3	67.00	10.1	.405

MOE TECH SUPPORT SUDBURY STATION: AL-2

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR
18/05/82	2.720	2.3800	13.80	.370	.0200	.020

MOE TECH SUPPORT SUDBURY STATION: AL-3

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
18/05/82	2.500	2.2800	12.20	.040	.0150	.015	10.1	24.0	7.07	399.0	78.7	64.0	19.8	3.60	43.30	4.9	95.4	67.00	9.9	.360

MOE TECH SUPPORT SUDBURY STATION: ALO-1

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
29/09/82	314.0	54.0	16.5	3.22	36.10	4.12	30.7	6.68	60.00	9.9	64.8	.310	1.580	1.3800	.95	.014	4.850	.0065	5.6	46.0
10/11/82	290.0	50.0	15.4	2.80	32.10	3.34	30.9	7.53	49.50	11.09	57.6	.485	1.320	1.1500	.850	.008	3.850	.0040	9.0	6.8

MOE TECH SUPPORT SUDBURY STATION: BC-1

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR
04/02/82	.013	<.001	.980	9.60	7.000

MOE TECH SUPPORT SUDBURY STATION: BC-6

DATE	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT	PPUT	NNTKUR	NNHTFR	NNOTFR	NNO2FR
09/02/82	3.3	2.6	7.05	640.0	7.8	296.0	93.0	15.50	12.0	6.50	11.0	19.50	267.0	.04	.037	.72	.390	1.850	.017

MOE TECH SUPPORT SUDBURY STATION: BC-7

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
04/02/82	640.0	246.0	77.0	13.00	18.00	6.70	19.0	7.97	30.50	223.0	19.7	1.26	.450		4.00	3.050	1.450	2.280	5.0	6.4
29/09/82	525.0	189.0	60.6	9.16	24.70	5.52	10.6	6.46	38.90	152.0	29.9	.115	.092	.0350	.75	.024	4.200	.0120	8.9	6.9
10/11/82	556.0	220.0	71.2	10.30	15.90	5.46	11.2	6.64	25.70	195.0	13.0	.085	.177	.1500	.440	.008	3.150	.0010	4.1	2.7
21/12/82													.167	.1400	1.920	.088	3.100	.6000		

MOE TECH SUPPORT SUDBURY STATION: DL-1

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC	CUUT	NIUT	ZNUT	CDU	CRUT	PBUT	ALUT	CHLRAT	CHLRAC	CHLRBT
03/02/82	232.0	81.0	25.0	4.40	7.6	2.15	11.0	7.05	12.00	67.0	9.0	.03	.041		.42	.126	.340	.040	3.5	2.8	.002	.004	.006	.0	02	<.001	<.003	.036			
19/05/82	145.0	45.0	14.3	2.34	6.40	1.26	8.3	6.95	10.40	36.8	16.9	.040	.025	.0060	.40	<.002	.355	.0040	3.4	2.2										
28/09/82	275.0	91.0	29.0	4.56	12.60	2.58	8.7	6.43	20.50	72.7	16.0	<.030	.009	.0040	.38	.020	1.250	.0020	3.6	2.3								5.3	4.0	1.5
29/11/82													.005	<.0010	.35	.014	.050	.0070												

MOE TECH SUPPORT SUDBURY STATION: DL-1B

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
03/02/82	338.0	124.0	38.0	7.00	9.1	3.15	10.0	6.87	14.50	108.0	7.8	.06							3.6	3.2
28/09/82	438.0	169.0	53.9	8.26	14.90	4.18	14.0	6.25	25.20	138.7	17.5	.060	.033	.0020	.33	<.002	1.900	.0030	3.4	3.7

MOE TECH SUPPORT SUDBURY STATION: DL-2

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC	CUUT	NIUT	ZNUT	CDUT	CRUT	PBUT	ALUT	CHLRAT	CHLRAC	CHLRBT
03/02/82	188.0	62.0	19.2	3.40	7.1	1.70	12.0	6.99	11.00	50.0	7.6	.03	.035		.39	.122	.195	.015	3.6	3.0	.002	.004	.008	.00(	<.001	.005	.029			
19/05/82	147.0	46.0	14.5	2.46	6.35	1.28	8.0	7.25	10.40	38.5	20.0	<.04	.021	.0040	.40	.072	.260	.032	3.4	2.0										
28/09/82	241.0	72.0	22.6	3.68	12.20	2.16	10.7	6.96	20.00	57.8	16.6	<.02	.006	<.001	.65	.290	.580	.031	3.7	2.0								2.7	.5	2.0
29/11/82													<.003	<.001	.410	.072	.115	.011												

MOE TECH SUPPORT SUDBURY STATION: DL-2B

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
03/02/82	213.0	74.0	23.0	4.00	7.0	1.95	11.0	7.02	11.00	60.0	7.6	.03							3.5	3.4
28/09/82	219.0	65.0	20.5	3.40	10.40	1.82	18.9	6.88	17.20	48.8	27.6	.245	.016	.0050	.32	.024	.670		3.3	2.2

MOE TECH SUPPORT SUDBURY STATION: DU1-1

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR
25/08/82	3.8	.90	1.1	.40	7.2	<.2	6.0	32.00	.64	7.02	<.1

MOE TECH SUPPORT SUDBURY STATION: DU1-10

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR
25/08/82	3.5	.90	1.5	.40	8.6	<.2	6.0	32.00	.60	7.02	<.1

MOE TECH SUPPORT SUDBURY STATION: DU1-18

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR
25/08/82	3.8	1.00	1.5	.40	9.4	<.4	6.0	33.00	.30	6.96	<.1

MOE TECH SUPPORT SUDBURY STATION: DU1-20

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR
25/08/82	3.9	.90	1.5	.40	6.8	<.2	6.0	32.00	.50	6.94	<.1

MOE TECH SUPPORT SUDBURY STATION: EL-1

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC	CUUT	NIUT	ZNUT	CDU	CRUT	PBUT	ALUT
13/01/82	184.0	58.0	17.8	3.25	8.5	1.80	14.0	6.91	13.50	46.5	6.3	.02	.016		.35	.018	.385	<.001	3.5	2.8	.003	.004	.011	.0	02	.002	.012	.023
03/02/82	175.0	54.0	16.4	3.10	8.7	1.60	12.0	7.39	13.50	43.5	12.8	.03	.058		.27	.024	.360	.002	3.4	3.2	.002	.005	.004	.0	03	<.001	.012	.033
19/05/82	114.0	32.0	9.9	1.88	6.25	1.08	8.5	7.42	10.20	25.0	15.4	.040	.057	.0220	.53	.042	.260	.2300	3.4	1.8							
29/09/82	133.0	38.0	11.6	2.16	6.95	1.18	12.1	6.97	11.10	27.4	16.6	<.015	.009	.0050	.35	.084	<.005	.0030	3.3	4.2							
29/11/82													.020	.0045	.300	.042	.020	.0035									

MOE TECH SUPPORT SUDBURY STATION: EL-1B

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
13/01/82	194.0	63.0	19.4	3.50	8.1	1.95	14.0	6.84	13.50	52.0	9.4	.02	.065		1.52	.004	.440	.001	3.6	3.2
03/02/82	190.0	62.0	19.0	3.45	8.3	1.80	13.0	8.76	13.00	51.0	10.5								3.4	2.8
29/09/82	182.0	59.0	18.3	3.16	8.00	1.74	14.8	6.49	12.40	41.6	16.0	.070	.184	.1520	.25	.014	.600	.0060	3.4	2.4

MOE TECH SUPPORT SUDBURY STATION: EL-2

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC	CUUT	NIUT	ZNUT	CDU	CRUT	PBUT	ALUT
03/02/82	192.0	61.0	18.8	3.45	8.8	1.80	13.0	7.39	14.00	48.0	10.3	.01	.089		.28	.024	.475	.004	3.6	2.8	.002	.004	.006	.0	03	<.001	.006	.025
19/05/82	133.0	39.0	11.9	2.22	6.90	1.24	10.1	7.46	11.20	30.4	19.1	.045	.060		.46	<.002	.295	.0950	3.6	2.2							
29/09/82	139.0	42.0	12.8	2.32	7.45	1.28	12.1	6.87	11.60	28.8	17.9	<.020	.026	.0170	.29	.042	.030	.0060	3.5	3.2							

MOE TECH SUPPORT SUDBURY STATION: EL-2B

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
03/02/82	197.0	64.0	19.8	3.55	8.50	1.85	13.0	7.33	13.50	50.0	9.20	.01							3.5	3.2
29/09/82	187.0	60.0	18.7	3.30	8.00	1.86	17.1	6.72	12.60	41.7	15.5	<.020	.265	.2350	.30	<.002	.495	.0010	4.1	1.9

MOE TECH SUPPORT SUDBURY STATION: EL-3

DATE	PPUT	PPO4UR	NNTKUR	NNHTFR	NNOTFR	NNO2FR
19/05/82	.043	.0130	.46	<.002	.255	.1050

MOE TECH SUPPORT SUDBURY STATION: EL-4

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR
19/05/82	.050	.0250	.51	.050	.240	.1950

MOE TECH SUPPORT SUDBURY STATION: ELSTP

DATE	NNTKUR	PPUT	NNHTFR	PPO4FR	NNO2FR	NNOTFR	BODS	CLIDUR	RSP	PH	NNO3FR
14/01/82	23.0	3.30	19.0	2.50	.08	.2	24.0	88.0			
08/02/82	26.0	2.70	19.5	1.18	.02	.1	10.0	80.0	15.	7.0	.1
22/02/82	23.0	4.40	18.4	3.70	.05	.2		91.0			
09/03/82	24.0	1.50	20.5	.64	.03	.1		83.0			
23/03/82	18.0	.72	16.5	.24	.02	.1		200.0			
14/04/82	12.0	1.10	10.4	.86	.02	.7		40.0			
28/04/82	10.0	.70	8.6	.32	.02	.9		211.8			
09/06/82	20.0	.59	19.0	.30	.02	T.1		132.4			
08/07/82	22.5	.20	21.5	T.04	T.01	1.5		83.6			
12/08/82	22.5	1.42	19.5	.54	.08	T.1		77.8			
18/10/82	16.3	.59			.07	.2		88.4			
08/11/82	21.0	3.22	19.0	2.38	.36	.9		89.0			
21/12/82	14.7	1.80	13.6	1.18	.11	7.3		117.6			

MOE TECH SUPPORT SUDBURY STATION: EV1-1

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR	NNTKUR	NNHTFR	NNO2FR	PPUT	PPO4FR	DOC	DIC	COLAP	HARDT	FEUT
19/05/82	7.1	.82	1.0	.44	19.2	.40	6.7	51.00		7.47	.225	.24	.020	.0030	<.003	<.0005	1.8	.2	7.4	21.0	.025
25/08/82	7.5	1.10	1.3	.60	20.6	<.2	5.0	53.00	.76	7.86	<.1										

MOE TECH SUPPORT SUDBURY STATION: EV1-6

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR
25/08/82	7.3	.95	1.2	.60	20.8	T.2	5.5	53.00	.96	7.88	W.1

MOE TECH SUPPORT SUDBURY STATION: EV1-20

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR
25/08/82	8.0	1.20	1.0	.55	20.8	W.2	5.5	56.00	1.38	6.57	.3

MOE TECH SUPPORT SUDBURY STATION: EV2-7

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR	NNTKUR	NNHTFR	NNO2FR	PPUT	PPO4FR	DOC	DIC	COLAP	HARDT	FEUT
19/05/82	7.0	.84	1.00	.42	17.0	.40	6.5	51.0		7.38	.220	.18	.032	.0030	.005	<.0005	2.3	4.0	5.5	21.0	<.025
25/08/82	8.0	1.25	1.0	.55	20.6	<.2	5.5	53.00	.82	6.87	<.1										

MOE TECH SUPPORT SUDBURY STATION: EV2-12

DATE	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	COND25	SIO3UR	PH	NNOTFR
25/08/82	7.6	1.40	1.1	.60	21.4	T.4	5.5	55.00	1.18	6.92	.2

MOE TECH SUPPORT SUDBURY STATION: GL-1

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
19/05/82	.024	<.0010	.39	.062	.0120	.065	3.5	2.2	7.23	113.0	17.2	33.0	10.3	1.88	6.00	1.08	10.7	8.90	26.4	<.035

MOE TECH SUPPORT SUDBURY STATION: GL-2

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
19/05/82	.020	.0060	.34	.092	.0090	.105	3.5	2.2	7.08	111.0	17.8	32.0	10.0	1.82	5.70	1.06	9.2	8.75	25.5	<.040

MOE TECH SUPPORT SUDBURY STATION: HL-1

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
18/05/82	.090	<.0010	1.45	.440	.0050	.525	3.7	3.2	7.35	432.0	28.1	68.0	20.3	4.24	49.10	2.84	12.3	88.00	49.8	.115

MOE TECH SUPPORT SUDBURY STATION: HL-2

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR
18/05/82	.063	<.0005	1.13	.440	.0520	.380

MOE TECH SUPPORT SUDBURY STATION: HL-3

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUT	MGUT	NAUT	KKUT	ALKT	CLIDUR	SSO4UR	FEUT
18/05/82	.068	<.0005	1.23	.480	.0480	.345	3.7	2.8	8.87	431.0	40.0	68.0	20.3	4.18	49.90	2.82	15.9	88.00	46.7	.115

MOE TECH SUPPORT SUDBURY STATION: MCL-1

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC	CUUT	NIUT	INUT	CDUT	CRUT	PBUT	ALUT
17/02/82	220.0	68.0	23.0	2.55	5.55	3.30	8.0	6.99	7.85	63.0	2.7	.06	.015	.001	.63	.410	2.200	.075	2.7	1.4	.001	.003	.009	.000	.001	<.003	.071
19/05/82	213.0	74.0	26.2	2.18	5.10	3.40	3.8	7.05	8.05	69.5	13.6	.045	.013	.0120	.85	<.004	.250	.0280	2.5	0.8							
28/09/82	167.0	53.0	17.2	2.52	6.75	1.94	10.6	6.68	11.30	42.6	20.9	.080	.010	<.002	.40	.116	.690	.0210	3.6	1.8							
29/11/82													.007	<.0010	.420	.156	.145	.0110									

MOE TECH SUPPORT SUDBURY STATION: MCL-1B

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
28/09/82	208.0	76.0	26.7	2.38	4.90	3.30	8.5	6.08	8.05	64.4	13.0	.045	.008	.007	.36	.128	1.5	.0400	2.4	3.4

MOE TECH SUPPORT SUDBURY STATION: MCL-2

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC	CUUT	NIUT	ZNUT	CD	CRUT	PBUT	ALUT
17/02/82	195.0	60.0	21.0	1.90	3.8	3.30	10.0	6.76	5.15	54.0	5.6	.11	.005	<.001	.77	.430	2.250	.009	3.7	1.6	.002	.004	.016	. 02	.002	.026	.087
28/09/82	199.0	72.0	26.0	1.68	3.40	3.58	4.1	6.27	5.51	59.7	16.0	.060	.006	<.0010	.76	.400	2.700	.0105	2.9	.9							

MOE TECH SUPPORT SUDBURY STATION: MCL-2B

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
17/02/82	195.0	59.0	21.0	1.70	3.40	3.45	3.0	6.28	4.65	58.0	4.3	.04	.005	<.001	.40	.184	2.700	.063	3.0	1.4
28/09/82	188.0	66.0	23.7	1.72	3.40	3.24	2.5	5.76	5.30	56.6	14.5	<.035	<.003	<.0015	.57	.016	2.550	.0020	2.5	.6

MOE TECH SUPPORT SUDBURY STATION: MCL-3

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC	CUUT	NIUT	ZNUT	CD	CRUT	PBUT	ALUT
17/02/82	230.0	74.0	26.0	2.10	4.50	3.95	9.0	6.71	6.60	66.0	3.1	.07	.005	<.001	.82	.600	3.050	.013	2.8	1.4	.002	.004	.014	<. 01	.001	.003	.093
28/09/82	227.0	82.0	29.8	1.74	4.05	4.30	5.6	6.42	6.58	69.3	12.7	<.030	<.002	<.0010	.92	.570	3.200	.0130	2.1	.6							
29/11/82													.012	<.0010	.86	.610	2.850	.0150									

MOE TECH SUPPORT SUDBURY STATION: MCL-3B

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
17/02/82	210.0	70.0	25.0	1.85	3.70	3.75	3.0	6.18	5.30	63.0		.02	.003	<.001	.37	.184	2.900	.021	2.3	1.4
28/09/82	200.0	71.0	25.6	1.84	3.95	3.34	2.8	5.61	6.50	59.8	11.2	<.030	<.003	<.0010	.24	.026	2.450	.0020	2.2	1.5

MOE TECH SUPPORT SUDBURY STATION: ML-1

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
19/05/82	.050	.0100	.50	<.002	.0010	.095	3.6	2.4	6.91	111.0	17.8	32.0	9.9	1.82	6.00	1.06	9.8	8.90	24.5	<.040

MOE TECH SUPPORT SUDBURY STATION: ML-2

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
19/05/82	.039	.0100	.48	.032	.1150	.160	3.5	2.0	7.14	113.0	18.8	34.0	10.4	1.84	5.90	1.08	8.9	8.90	26.1	<.035

MOE TECH SUPPORT SUDBURY STATION: NL-1

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT	CUUT	NIUT	ZNUT	CDUT	CRUT	PBUT	ALUT
17/02/82	.004	<.001	.71	.410	.029	1.850	3.3	2.8	6.90	650.0	2.0	294.0	94.0	14.50	12.2	5.80	13.0	19.50	246.0	.08	.006	.004	.009	.000	.003	.005	.081

MOE TECH SUPPORT SUDBURY STATION: NL-1B

DATE	PPUT	PPO4FR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
17/02/82	.020	.003	.0133	.260	7.5	52.6	7.18	1700.0	29.0	1732.0	214.0	48.00	33.00	45.30	197.0	42.00	617.0	.39

MOE TECH SUPPORT SUDBURY STATION: NL-2

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT	CUUT	NIUT	ZNUT	CDUT	CRUT	PBUT	ALUT
17/02/82	.002	.001	.70	.430	1.950	.030	3.2	2.8	7.02	700.0	4.5	320.0	101.0	16.50	12.0	6.30	13.0	21.50	278.0	.03	.006	.004	.008	.000	.002	.011	.070
02/11/82	.009	<.0010	.730	.440	1.500	.0160																					

MOE TECH SUPPORT SUDBURY STATION: NL-2B

DATE	PPUT	PPO4FR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
17/02/82	.002	<.001	.72	.500	.043	2.250	3.0	2.8	6.80	730.0	4.5	318.0	101.0	16.00	12.3	6.30	7.0	19.50	293.0	.03

MOE TECH SUPPORT SUDBURY STATION: NNC-1

DATE	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	RSP	RSF	CLIDUR	SSO4UR	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	COLAP	DOC	DIC	FEUT
23/04/82	.033	.002	<.002	.38	.002	.385	27.8	83.0	18.5	10.1												
23/04/82	.053	.003	<.002	.35	.003	.370	43.0	118.0	17.5	9.8												
27/04/82	.027	<.001	<.004	.38	.012	.305	2.37	56.0	8.95	10.7												
28/04/82	.009	<.001	<.004	.20	.007	.060	1.36	64.0	12.2	11.9												
30/04/82	.025	<.002	.006	.33	.009	.215	3.02	77.0	15.8	11.9												
03/05/82	.008	<.001	<.002	.28	.005	.16	6.72	93.0	19.6	11.7												
06/05/82	.040	.015	<.004	.35	.002	.22	5.18	103.0	21.4	14.3												
07/05/82	.013	.005	<.004	.28	<.001	.115	3.39	103.0	21.8	12.1												
07/05/82	.015	<.002	.008	.25	.002	.115	1.84	103.0	22.3	11.5												
10/05/82	.020	.003	.006	.35	.015	.095	3.14	104.0	21.6	12.7												
12/05/82	.018	.001	.004	.33	.010	.095	4.03	107.0	22.6	12.2												
14/05/82	.025	.001	.002	.48	.014	.085	4.78	107.0	22.4	11.4												
10/11/82	.010	.002	.018	.33	.012	.120			14.5	8.54	138.0	47.0	13.9	2.90	7.20	1.28	32.6		69.0	10.7	7.4	.260
29/11/82	.009	<.001	<.004	.20	.007	.060																

MOE TECH SUPPORT SUDBURY STATION: QL-1

DATE	FWTEMP	DO	FWPH	Ph	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	DOC	DIC	COND25	CAUR	KKUR	NAUR	MGUR	SSO4UR	ALKT	HARDT	COLAP	CLIDUR	PBUT	[illegible]
18/05/82	11	12.0	6.2	6.45	0.009	0.003	2.95	13.5	0.049	7.250	1.8	0.8	407.0	[illegible]	[illegible]	6.05	2.04	[illegible]	5.3	[illegible]	6.8	[illegible]	[illegible]	
19/05/82	11	11.2	6.4	6.69	0.001	<.005	3.05	3.7	0.049		[illegible]	0.6	2720.0	54.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		
[illegible]/05/82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	0.18	3.25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]/05/82	9	[illegible]	[illegible]	[illegible]										[illegible]			[illegible]	[illegible]	3.5	146.0	4.6	[illegible]	[illegible]	

DATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	CDUT
18/05/82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19/05/82					0.050		
[illegible]/05/82	[illegible]	[illegible]	[illegible]	0.020	0.045	0.120	0.002
[illegible]/05/82	[illegible]	[illegible]	[illegible]	[illegible]		0.140	<.002

MOE TECH SUPPORT SUDBURY STATION: QL-2

DATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible].420	[illegible].300	5.000	.0720

MOE TECH SUPPORT SUDBURY STATION: SL-1

DATE	COND25	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	PH	CLIDUR	SSO4UR	COLAP	FEUT	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	DOC	DIC
10/11/82	5360.0	1453.0	559.0	13.80	111.00	108.00	20.9	7.37	218.0	1256.0	2.2		.006	.0040	42.500	39.500	77.500	10.200	10.2	5.3

MOE TECH SUPPORT SUDBURY STATION: TL-1

DATE	PPUT	PPO4UR	NNTKUR	NNHTFR	NNO2FR	NNOTFR	DOC	DIC	PH	COND25	COLAP	HARDT	CAUR	MGUR	NAUR	KKUR	ALKT	CLIDUR	SSO4UR	FEUT
19/05/82	.016	.0050	.46	.068	.0050	.085	3.5	1.8	7.11	110.0	21.3	32.0	9.9	1.84	5.80	1.02	8.5	8.65	25.0	<.040

MINISTRY OF THE ENVIRONMENT - SAULT STE MARIE

MOE SAULT STE MARIE OFFICE STATION: ALK-1

DATE	PPUT	NNTKUR	NNHTFR	NNO3FR	PH	COND25	SSO4UR	CLIDUR	RSP	NNO2FR	BOD5F	PPO4FR	NNOTFR
27/05/82	2.580	3.10	.800	8.750	6.48	382.0	10.3	70.00					
16/06/82	2.520	10.50	.670		6.29	398.0	9.4	70.00	1.750				
28/07/82	2.000	1.92	.098	3.180	8.29	375.0	22.0	72.50	1.460	.1250			
18/08/82	.01a	.32	.044	6.180	6.60	371.0	20.1	72.00	2.090	.0660			
22/09/82	1.850	1.35	.016	1.330	6.52	336.0	9.4	57.50	5.120	.0210	1.20		
22/10/82	1.550	3.50	.012	4.740	7.46	292.0	9.3	56.00		.0140	T3.70		
09/11/82	1.980	1.120	.026	6.720	6.64	343.0	9.80	64.00	4.490	.0260			

MOE SAULT STE MARIE OFFICE STATION: ALK-2

DATE	RSP	PPUT	NNTKUR	NNHTFR	NNO3FR	PH	COND25	SSO4UR	CLIDUR	NNO2FR	BOD5F	PPO4FR	NNOTFR
27/05/82	6.330	2.600	1.78	.026	9.250	6.40	381.0	10.7	70.00				
16/06/82	3.020	2.350	5.00	.630	9.140	6.46	382.0	10.2	72.00	.1150			
28/07/82	3.840	1.670	5.00	.162	6.230	6.76	389.0	25.9	71.50	.0200			
18/08/82	31.800	.132	.43	.046	4.260	6.28	374.0	16.0	70.00	.0440			
22/09/82	4.100	1.950	1.25	.012	1.390	6.32	354.0	10.0	66.00	.0145	.40		
22/10/82		1.920	1.01	.012	5.730	7.26	336.0	9.8	64.00	.0200	T1.40		
09/11/82	4.300	1.790	1.200	.550	7.110	6.66	358.0	9.45	59.00	.3950			

MOE SAULT STE MARIE OFFICE STATION: ALK-3

DATE	RSP	PPUT	NNTKUR	NNHTFR	PH	COND25	SSO4UR	CLIDUR	NNO2FR	NNO3FR	BOD5F	PPO4FR	NNOTFR
27/05/82	4.160	2.550	1.33	.014	7.18	380.0	10.7	71.00					
16/06/82	2.320	2.320	7.10	.710	6.13	385.0	9.9	69.50	.0220	8.980			
28/07/82	1.650	1.930	1.24	.014	6.95	369.0	25.3	72.00	.0460	5.950			
18/08/82	3.630	.016	.12	.018	6.85	362.0	19.7	69.00	.0155	5.980			
22/09/82	3.750	2.050	1.31	.018	6.77	356.0	9.9	65.00	.0385	1.360	.71		
22/10/82		1.950	9.50	6.100	7.04	377.0	9.2	67.50	.0260	.474	T4.40		
09/11/82	4.530	2.000	.950	.010	7.18	342.0		60.00	.0240	7.226			

MOE SAULT STE MARIE OFFICE STATION: ALK-5

DATE	RSP	PPUT	NNTKUR	NNHTFR	NNO2FR	NNO3FR	PH	COND25	SSO4UR	CLIDUR	BOD5F	PPO4FR	NNOTFR
27/05/82	3.850	2.500	1.35	.026	.0650	9.750	6.27	373.0	11.5	70.00			
16/06/82	2.730	2.450	3.25	.252	.0320	9.370	6.26	382.0	10.7	69.50			
28/07/82	8.400	.250	7.00	.064	.0350	.550	7.06	415.0	11.8	72.00			
18/08/82	2.680	.290	.72	.014	.0190	5.730	7.22	361.0	19.7	65.00			
22/09/82		2.120	1.03	.052			7.04	357.0	10.2	66.00	1.80		
22/10/82		1.920	.92	.012	.0140		7.30	338.0	10.1	71.00	T1.50		
09/11/82	4.430	1.970	1.000	.008	.0410	6.959	6.91	342.0		67.00			

MOE SAULT STE MARIE OFFICE STATION: DLK-1

DATE	PH	RSP	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	7.13	1.320	.250	.0185	.97	.054	.270	.0080	.260	T.25
22/09/82	7.54	1.680	.015	.0055	.33	.038	.015	.0060	.009	T.44
09/11/82	7.33	1.600	.022	.0080	.330	T.002	.605	.0020	.603	.86

MOE SAULT STE MARIE OFFICE STATION: DLK-2

DATE	PH	RSP	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	7.14	T.690	.020	.0035	.34	.186	.505	.0400	.465	T.35
22/09/82	7.41	.620	.018	.0105	.29	.030	T.005	T.0015	T.005	T.36
09/11/82	7.28	1.090	.025	.0150	.330	W.002	.635	.0025	.633	.91

MOE SAULT STE MARIE OFFICE STATION: DLK-3

DATE	PH	RSP	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	6.99	1.120	.016	.0060	.37	.006	1.000	.0035	.997	.90
22/09/82	7.38	.370	.027	.0205	.29	.032	W.005	.0020	W.005	.45
09/11/82	7.17	1.260	.030	T.0015	.350	W.002	.850	.0020	.848	.86

MOE SAULT STE MARIE OFFICE STATION: DLK-4

DATE	PH	RSP	PPUT	PPO4FR	NNTKUR	NNHTFR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	7.23	1.730	.157	.0010	1.25	.044	.070	.0070	.063	T.06
22/09/82	7.30	6.580	.008	T.0020	.29	.026	.045	.0035	.042	.53
09/11/82	7.04	T.160	.012	.0040	.290	W.002	.135	T.0015	.135	.56

MOE SAULT STE MARIE OFFICE STATION: ELK-1

DATE	RSP	PH	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNO2FR	NNO3FR	BOD5	COND25	CLIDUR	SSO4UR
18/08/82	1.710	7.44	.020	.0040	.062	.33	T.005	.0020	T.005	T.14			
22/09/82	.480	6.09	.004	T.0010	.102	.41	.370	.0130	.357	T.39			
09/11/82	1.380	7.29	.040	.0250	T.002	.340	.180	.0685	.112	1.02			

MOE SAULT STE MARIE OFFICE STATION: ELK-2

DATE	NNOTFR	PH	RSP	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	BOD5
18/08/82	T.005	7.38	T.450	.019	.0070	.070	.34	.0025	T.005	T.21
22/09/82	.755	7.32	1.880	.009	T.0010	.316	.76	.0760	.679	.67
09/11/82	.120	7.70	2.860	.010	T.0015	T.002	.370	.0230	.097	.91

MOE SAULT STE MARIE OFFICE STATION: ELK-3

DATE	RSP	PH	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	T.810	7.32	.011	T.0010	.038	.31	T.005	T.0015	T.005	T.30
22/09/82	1.620	7.36	.010	T.0010	.096	.48	.790	.3050	.485	1.00
09/11/82	T.550	7.28	.034	.0235	.016	.480	.140	.0225	.118	.65

MOE SAULT STE MARIE OFFICE STATION: ELK-4

DATE	RSP	PH	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	1.080	6.76	.015	T.0015	.046	.32	T.010	.0020	T.008	T.28
22/09/82	.520	7.18	.007	T.0010	.054	.29	.100	.0060	.094	T.35
09/11/82	1.160	7.37	.039	.0220	.018	.270	.160	.0110	.149	.57

MOE SAULT STE MARIE OFFICE STATION: ELK-5

DATE	RSP	PH	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	T.555	7.12	.016	.0040	.060	.31	T.005	.0030	T.005	T.14
22/09/82	.390	7.09	.008	T.0025	.046	.24	T.010	T.0015	T.008	.49
09/11/82	T.640	6.98	.006	W.0005	.020	.220	.080	.0030	.077	.56

MOE SAULT STE MARIE OFFICE STATION: ELK-6

DATE	RSP	PH	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	T.370	7.14	.019	.0020	.044	.38	.005	.0015	.044	T.28
22/09/82	.680	7.30	.013	T.0010	.064	.33	T.005	.0055	T.005	.64
09/11/82	1.450	7.34	.026	.0160	.016	.440	.145	.0180	.127	.67

MOE SAULT STE MARIE OFFICE STATION: ELK-7

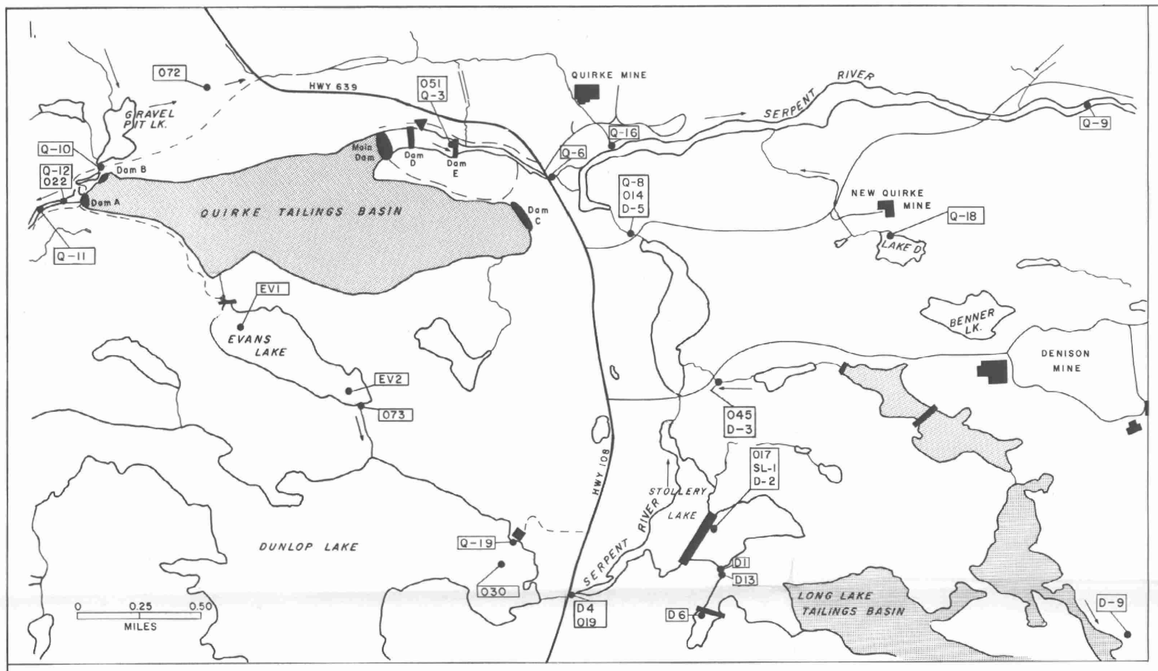
DATE	RSP	PH	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	T.400	6.97	.015	.0030	.080	.36	1.250	.1325	1.120	T.11
22/09/82	.290	7.37	.005	T.0010	.056	.30	.150	.0080	.142	T.35
09/11/82	2.220	7.35	.006	T.0010	.258	.550	1.250	.0130	1.237	1.28

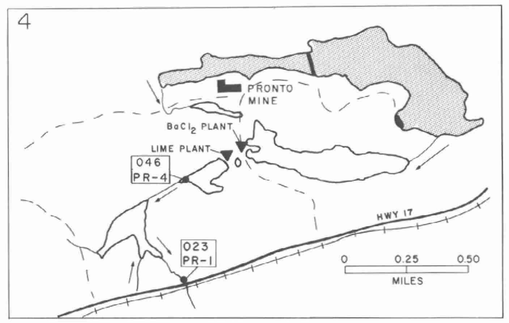
MOE SAULT STE MARIE OFFICE STATION: ELK-8

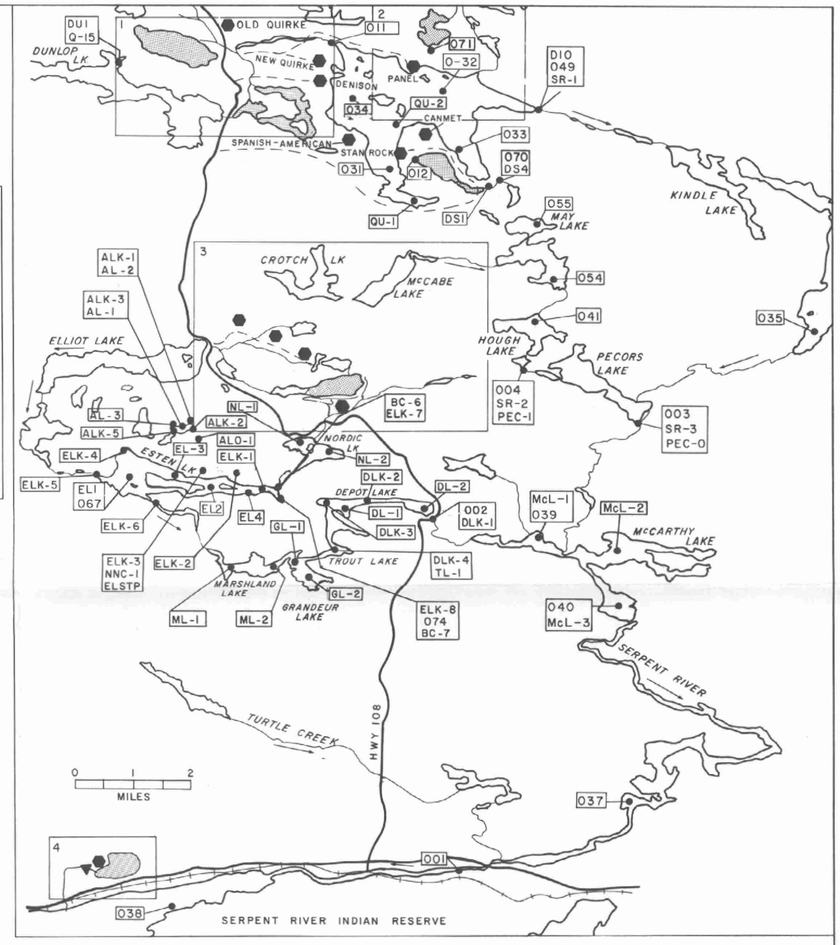
DATE	RSP	PH	PPUT	PPO4FR	NNHTFR	NNTKUR	NNOTFR	NNO2FR	NNO3FR	BOD5
18/08/82	9.690	5.69	.015	.0590	.032	.37	6.250	.0375	6.210	10.20
22/09/82	12.000	6.19	.100	W.0005	.006	1.23	1.000	T.0010	1.000	11.70
09/11/82	3.060	7.26	.195	.1550	T.002	.520	3.250	.0050	3.245	4.04

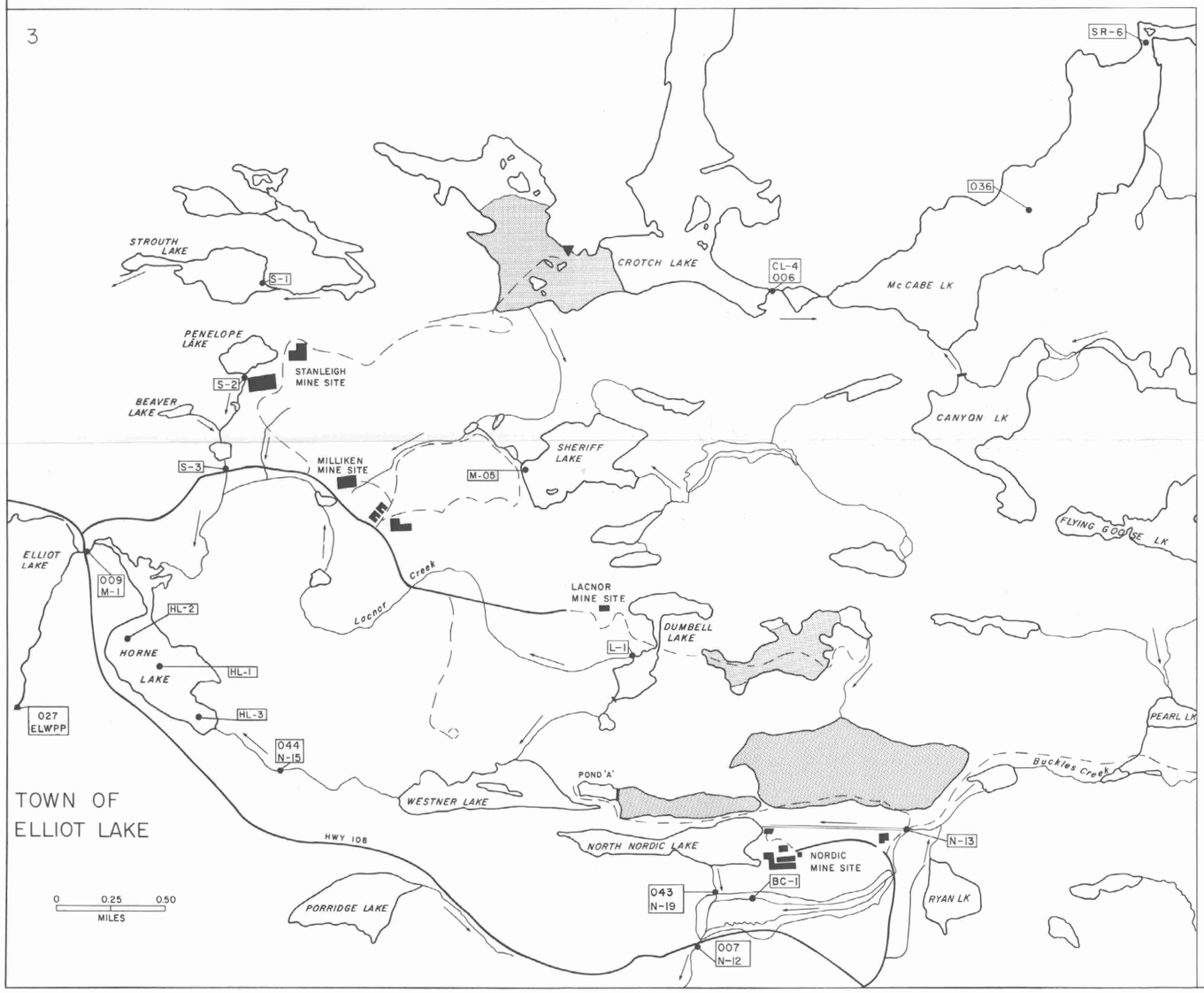
MOE SAULT STE MARIE OFFICE STATION: ELSTP

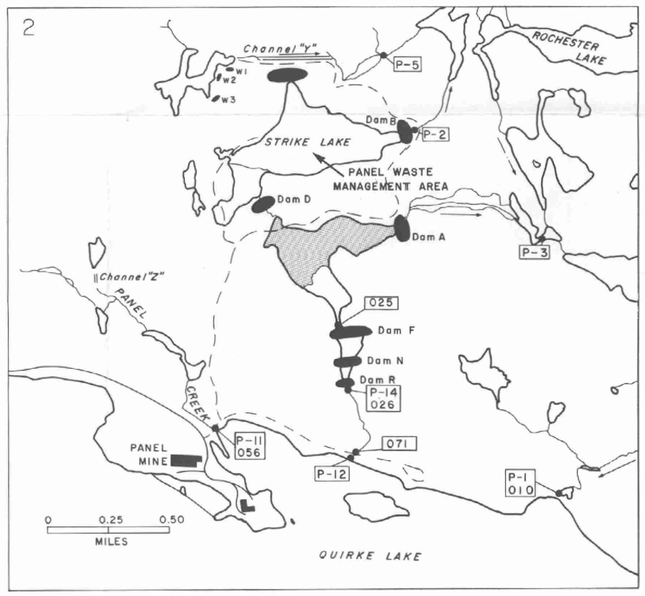
DATE	BOD5	RSP	NNTKUR	PPUT	NNHTFR	PH	RSI	NNOTFR	PPO4FR
08/02/82	<15.0	25.	27.0	2.70	19.5	7.1			
09/03/82	6.5	20.	24.0	1.50			305.	.1	
13/05/82	T3.9	12.7	17.5	.46					.34
09/06/82	T3.3	8.5	19.8	.58	19.0				.38
08/07/82	T1.9	9.2							
12/08/82	8.2	19.6	11.4	1.40					.52
23/09/82	T3.7	13.7	15.8	.35					
18/10/82	6.8	6.7	16.1	.63					
21/12/82	32.0	16.0	14.8	1.79					1.14











LEGEND

- MINE SITE
- MAJOR ROADWAY
- SECONDARY ROADWAY
- TAILINGS
- TREATMENT PLANT
- NEW TREATMENT PLANT
- WATER SAMPLING LOCATIONS

SERPENT RIVER DRAINAGE BASIN